

WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration,
National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service
and World Agricultural Outlook Board

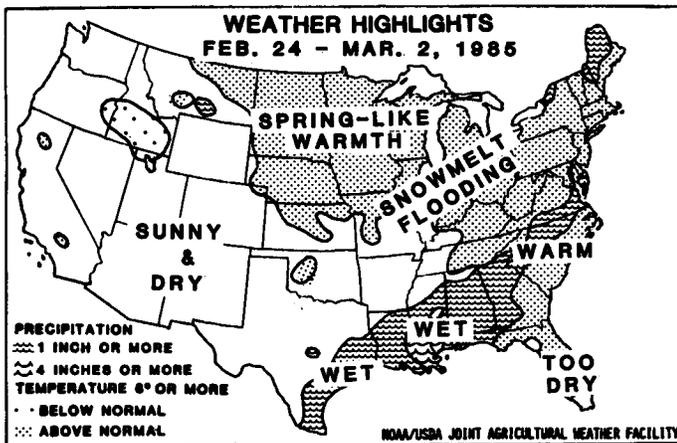
Volume 72, No. 9

WASHINGTON, D.C.

Mar. 5, 1985

National Weather Summary

February 24 to March 2



central Gulf States, and the southern half of the Plains. Light rain fell in most areas east of the Mississippi River.

WEDNESDAY...High water continued over most of the areas mentioned on Tuesday. Light rain showers fell along most of the gulf coast and in New England while snow covered the Great Lakes. Cooler air pushed through the Lakes to the Ohio Valley, but unusually warm weather prevailed over the rest of the Nation.

THURSDAY...Rainshowers developed over Texas and spread to the lower Mississippi Valley and northward to western Illinois. Unusually warm weather continued over most of the Nation. High temperatures rose into the fifties through the northern Plains.

FRIDAY...Light showers continued from southeastern Texas to Michigan, the upper Ohio Valley, New England, and the east coast. Some moderate showers fell along the eastern gulf coast. Most of Florida had no rain. Cold weather continued through the Great Lakes and Ohio Valley, but warming continued from the western portion of the Plains through most of the West.

SATURDAY...Winter weather with snow and high winds moved over the northern Plains and the northern and central Rockies. Snow also fell over the central Plateau, and rain fell in the Southwest. Most of the East experienced partly cloudy to clear skies and warmer weather. Several record-high temperatures were recorded along the east coast.

HIGHLIGHTS: Melting snow and heavy rain caused serious flooding from the central Great Plains to upper New York. Average temperatures were 5-7 degrees warmer than normal in the central Plains and up to 12 degrees warmer in the Northeast. Snow cover disappeared in all but parts of the central Rockies and the northern part of the Great Lakes. Most of the Nation was warmer than normal. Springlike weather prevailed over the southern half of the Nation. Light rain fell over most of the East. Some moderate rain fell over the eastern Great Lakes and the St. Lawrence Valley, and moderate to heavy rain fell from eastern Texas to southern Virginia. An outbreak of much colder air pushed into the northern Plains as the week ended and triggered heavy, blowing snow.

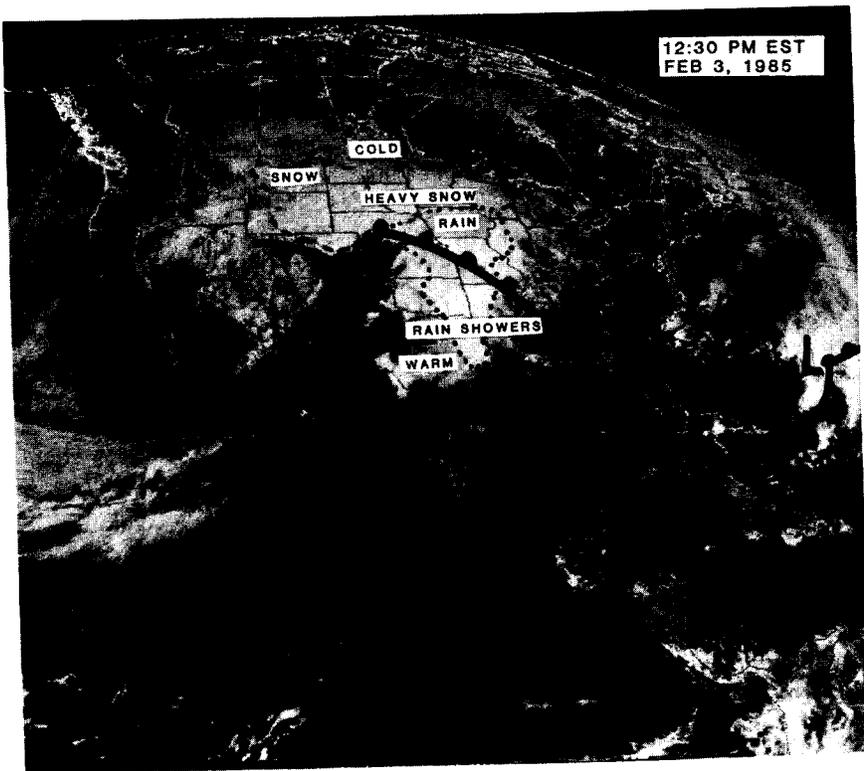
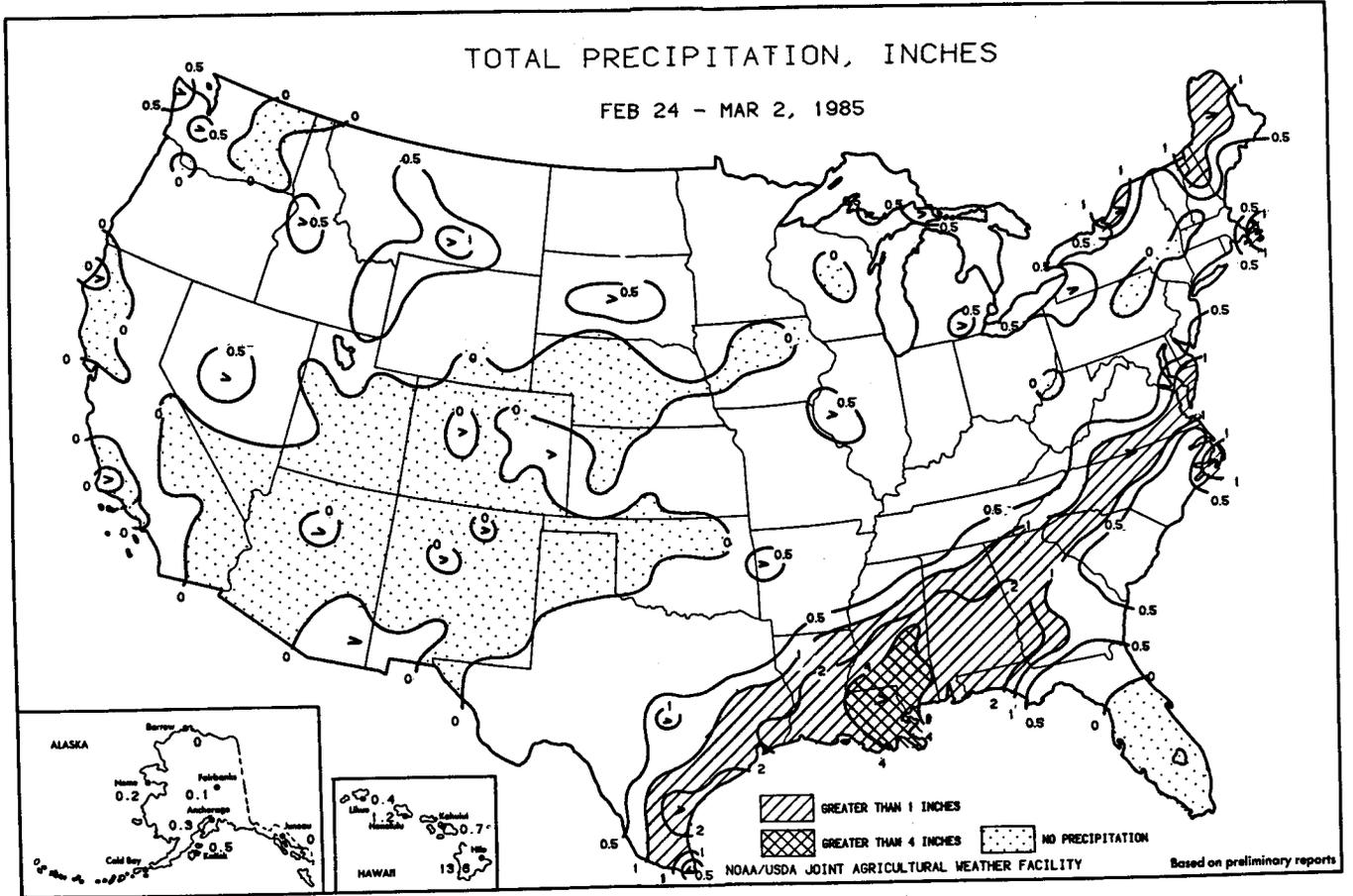
SUNDAY...Record-high temperatures were posted over much of the Northeast. Warm weather over the Midwest and Northeast caused rapid melting of snow and ice, which resulted in flooding of many streams. Moderate to heavy showers covered the western and central gulf coast, and lighter showers fell in most areas east of the Mississippi River.

MONDAY...Colder air, pushing into the northern Plains, triggered snow showers. Gusty wind, snow, and low temperatures prompted the issuance of stockmen's advisories for the eastern slopes of the northern Rocky Mountains. Moderate to heavy rainshowers fell from the lower Mississippi Valley to the mid-Atlantic Coast. Melting snow and ice continued to cause flooding through the lower Great Lakes States and western New York.

TUESDAY...Melting snow and/or recent rain has caused flooding, reaching from the Great Lakes region across the Ohio Valley, the Mississippi Valley, the

Contents

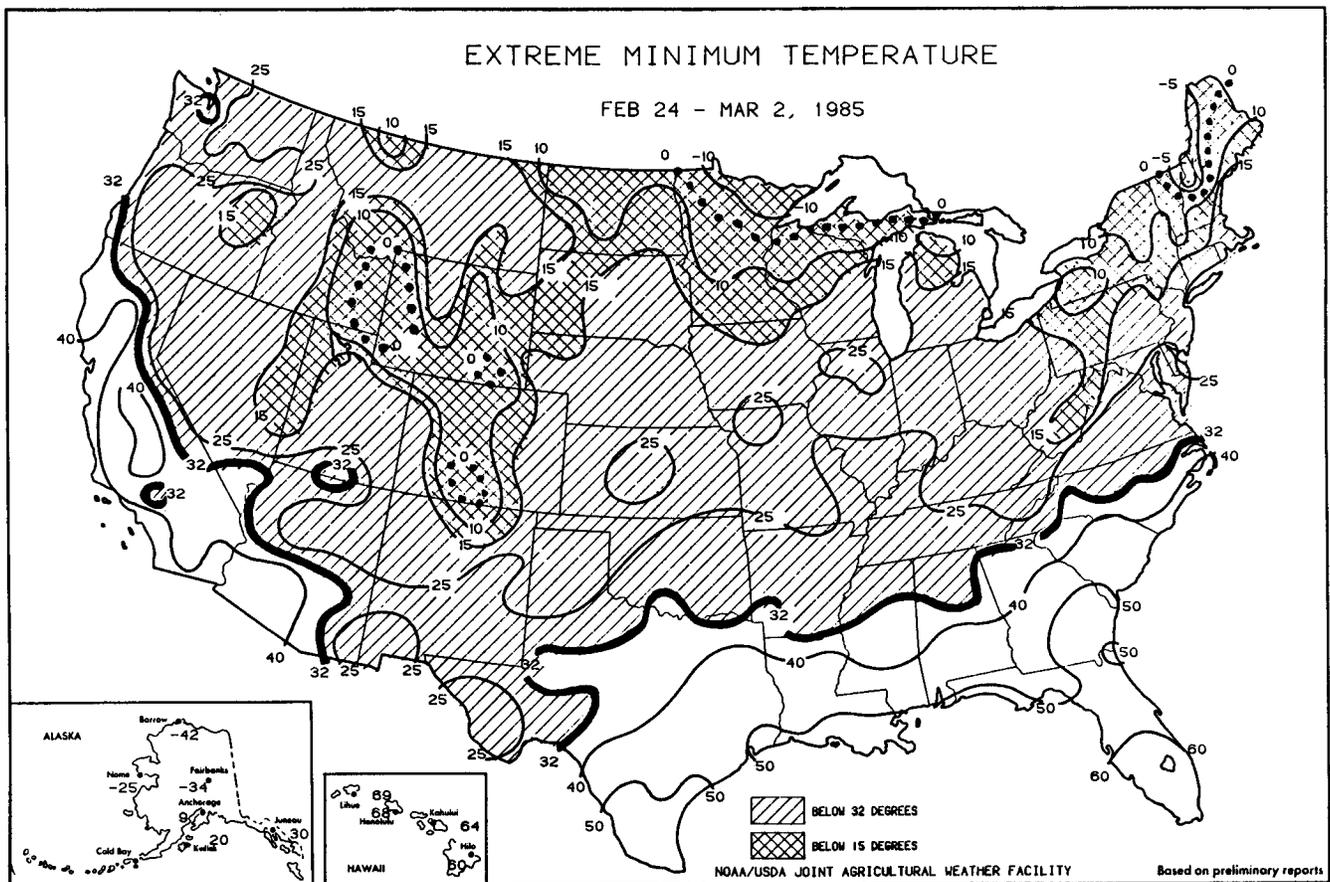
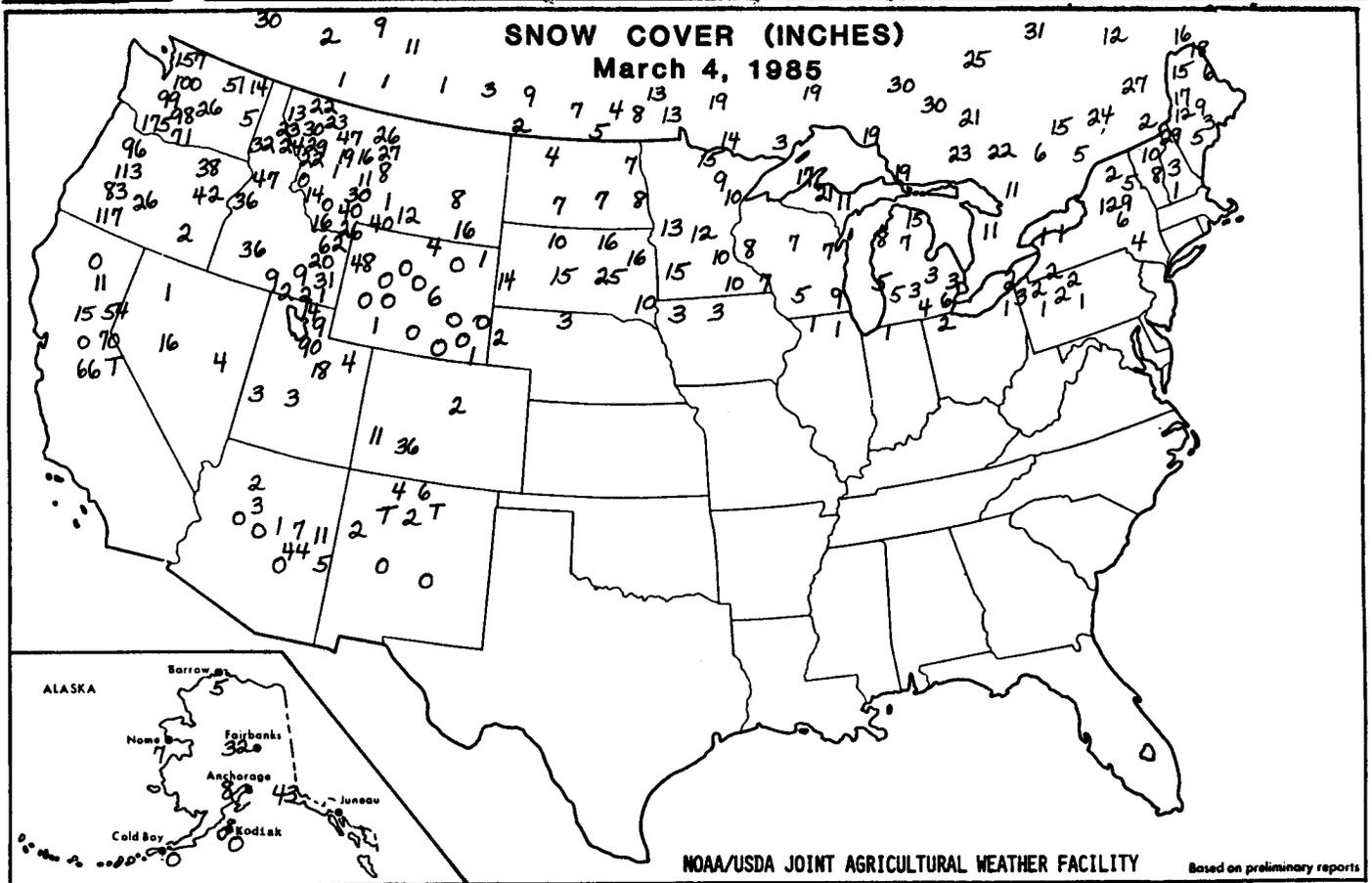
| | Page |
|--|------|
| National Weather Summary | 1 |
| Precipitation & North American Satellite Photo | 2 |
| Snow Cover & Extreme Minimum Temperature | 3 |
| Average Temperature & Departure | 4 |
| Soil Temperature & Plant Germination | 5 |
| Weather Data for Selected Cities | 6 |
| Weekly Heating Degree Days Table | 9 |
| Drought Severity & Drought Severity Index | 10 |
| Precipitation Needed to End Drought & Weekly Heating Degree Days Maps | 11 |
| February Weather & Crop Summary | 12 |
| February Precipitation & Percent of Normal | 13 |
| February Temperature & Departure | 14 |
| February Weather Data for Selected Cities | 15 |
| February Heating Degree Days | 16 |
| National Agricultural Summary | 17 |
| State Summaries of Weather & Agriculture | 18 |
| U.S. Area Locations | 22 |
| U.S. Crop Areas | 23 |
| Global Weather Satellite Photo | 24 |
| International Weather & Crop Summary | 25 |
| Subscription & Mailing Permit Information | 28 |

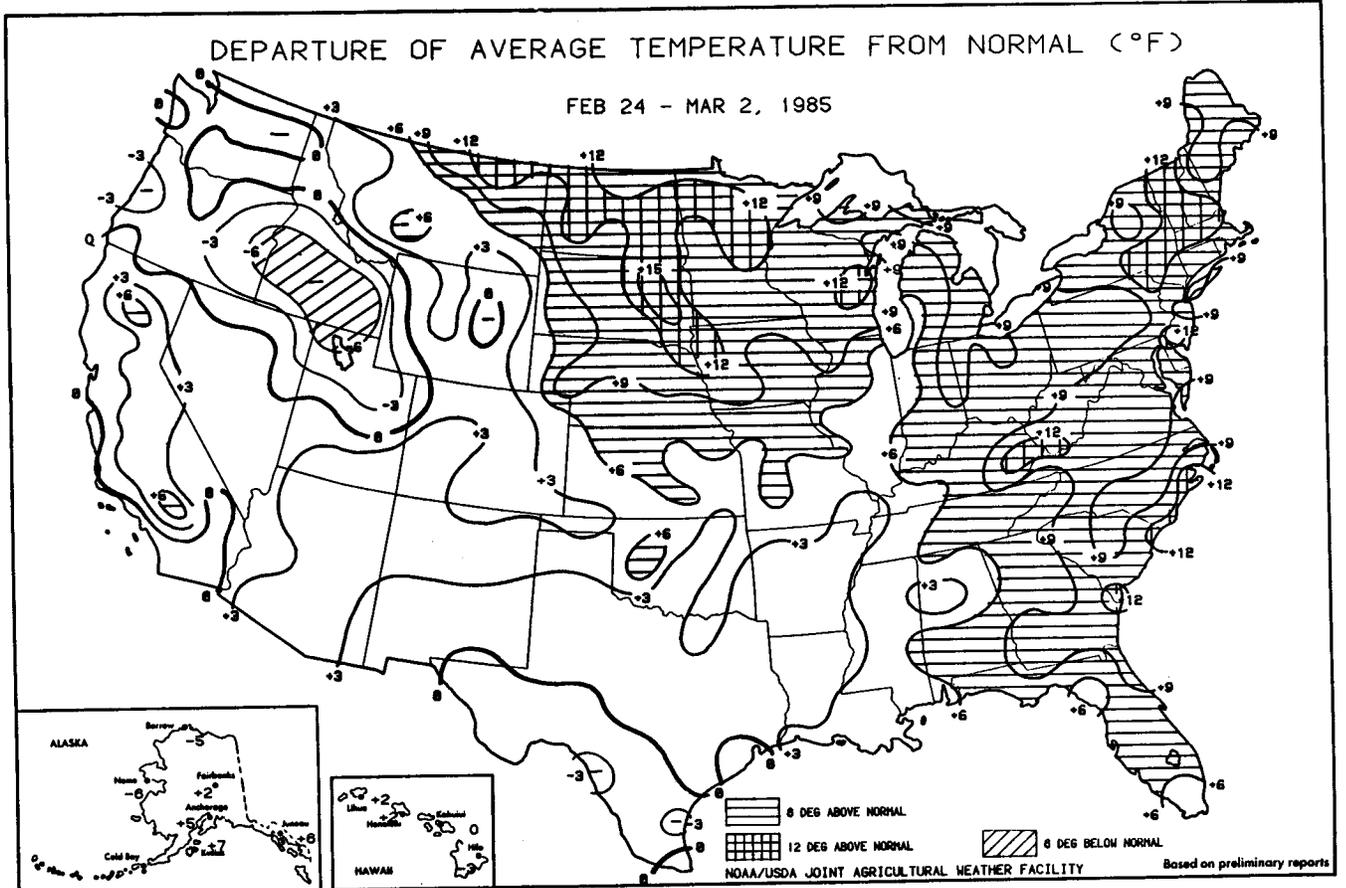
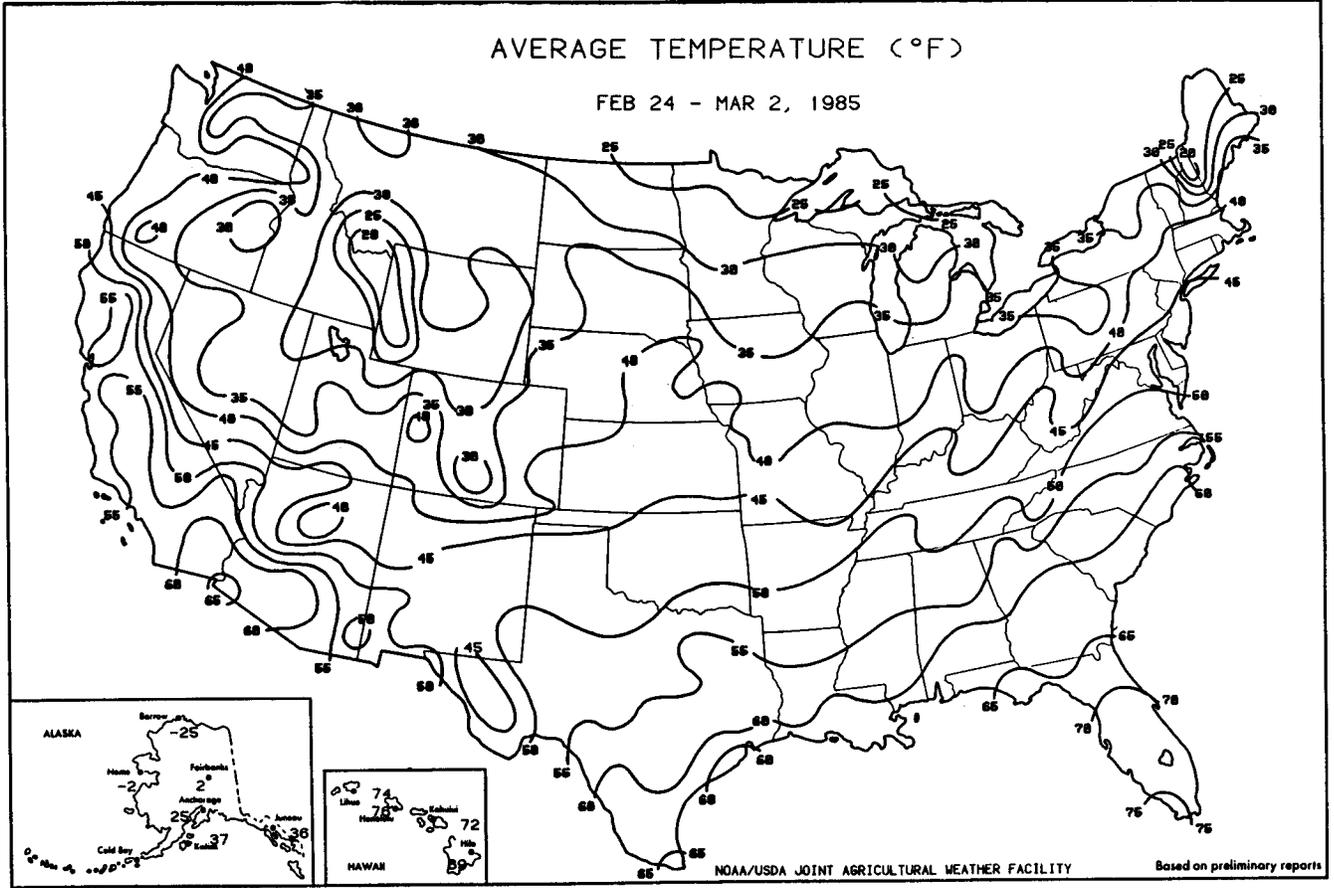


A WINTER STORM DEVELOPS IN THE GREAT PLAINS AND PULLS COLD CANADIAN AIR INTO THE NORTHERN PLAINS WHILE WARM, MOIST AIR FROM THE GULF OF MEXICO FLOWS NORTHWARD.

HEAVY SNOW AND HIGH WIND IN THE NORTHERN PLAINS STRESSES LIVESTOCK AND BRINGS HUMAN ACTIVITY TO A STANDSTILL.

THE PROTECTIVE SNOW COVER, WHICH HAD MELTED IN RECENT DAYS, IS REPLENISHED THROUGH THE AREA INDICATED BY THE DASHED LINES.





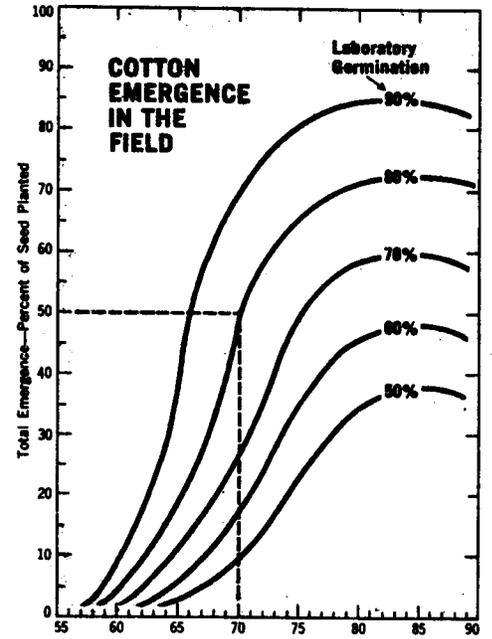
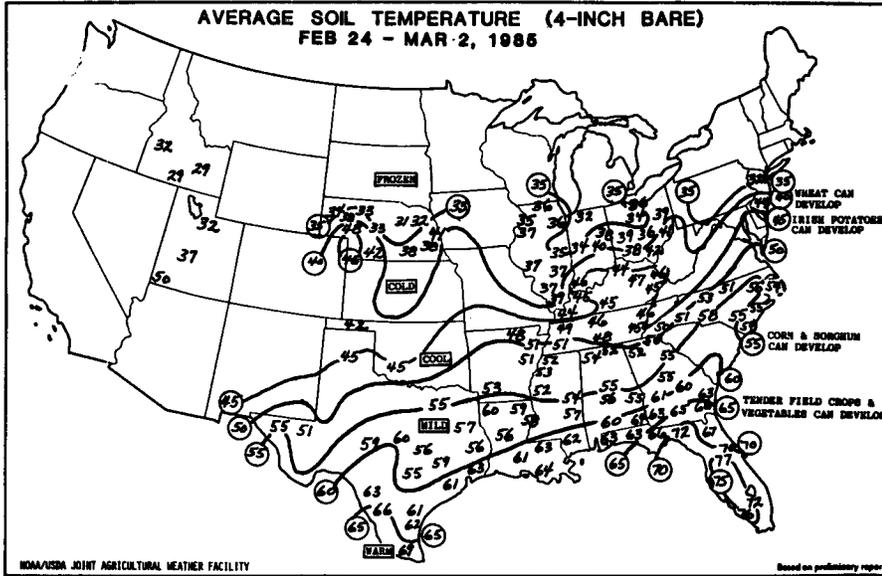


Figure 3. Mean Soil Temperature (°F) at 2-Inch Depth from Planting to Final Emergence. From Picking a Safe Cotton-Planting Date by Donald J. Haddock. The Progressive Farmer, Feb. 1967.

CARDINAL TEMPERATURE POINTS FOR CROP SEED GERMINATION

| Crop | Cardinal Points in Degrees Fahrenheit | | | Days Required for Germination at Indicated Temperatures | | | |
|------------|---------------------------------------|---------|---------|---|-------|-------|-------|
| | Minimum | Optimum | Maximum | 40°F | 54°F | 60°F | 60°F* |
| Red clover | 34 | 86 | 99 | 7.3 | 3.0 | 1.75 | 1.0 |
| Alfalfa | 34 | 86 | 99 | 6.0 | 3.75 | 2.75 | 2.0 |
| Henp | 34-36 | 95 | 115 | 3.0 | 2.0 | 1.0 | 1.0 |
| Peas | 34-36 | 86 | 95 | 5.0 | 3.0 | 1.75 | 1.75 |
| Rye | 34-36 | 77 | 96 | 4.0 | 2.5 | 1.0 | 1.0 |
| Vetch | 34-36 | 86 | 95 | 6.0 | 5.0 | 2.0 | 2.0 |
| Flax | 35-37 | 77 | 86 | 8.0 | 4.5 | 2.0 | 2.0 |
| Timothy | 37-39 | 79 | 90 | — | 6.5 | 3.25 | 3.0 |
| Wheat | 38-40 | 77 | 86-90 | 6.0 | 3.0 | 2.0 | 1.75 |
| Barley | 38-40 | 68 | 82-86 | 6.0 | 3.0 | 2.0 | 1.75 |
| Oats | 39-41 | 77 | 86 | 7.0 | 3.75 | 2.75 | 2.0 |
| Carrot | 39-41 | 77 | 86 | — | 6.75 | 4.25 | 3.25 |
| Sugar beet | 39-41 | 77 | 82-96 | 92.0 | 9.0 | 3.75 | 3.75 |
| Lentils | 39-41 | 86 | 97 | 6.0 | 4.0 | 2.0 | 1.75 |
| Maize | 40-30 | 89-95 | 104-111 | — | 11.25 | 3.25 | 3.0 |
| Sorghum | 40-30 | 89-95 | 104 | — | 11.25 | 4.75 | 4.0 |
| Rice | 50-35 | 86-90 | 97-101 | — | — | — | — |
| Tobacco | 55-37 | 81 | 95 | — | — | 9.0 | 6.25 |
| Pumpkin | 54 | 89-93 | 104 | — | — | 10.75 | 4.0 |
| Melon | 54-39 | 93 | 104 | — | — | 15.0 | 17.0 |

* Adapted from data by F. Haberlandt in *Größe Ernährungsphysiologischen Practicum höherer* From Crop Adaptation and Distribution by Carroll P. Wilsie. W. E. Freeman & Co. © 1962.

DAYS TO APPEARANCE OF SEEDLINGS AT VARIOUS SOIL TEMPERATURES FROM SEED PLANTED AT ONE-HALF INCH DEPTH¹

| Crop | Soil Temperature in Degrees Fahrenheit | | | | | | | | | |
|-------------|--|-----|-----|-----|----|----|----|-----|-----|--|
| | 32 | 41 | 50 | 59 | 68 | 77 | 86 | 95 | 104 | |
| Asparagus | x | x | 53 | 24 | 15 | 10 | 11 | 19 | 28 | |
| Bean | x | x | x | 16 | 11 | 8 | 6 | 6 | x | |
| Bean, lima | ... | ... | x | 30 | 18 | 6 | 6 | x | ... | |
| Beet | ... | 42 | 17 | 10 | 6 | 5 | 4 | 4 | ... | |
| Cabbage | ... | ... | 15 | 9 | 6 | 4 | 3 | ... | ... | |
| Carrot | x | 51 | 17 | 10 | 7 | 6 | 6 | 8 | x | |
| Cauliflower | ... | ... | 19 | 10 | 6 | 5 | 4 | ... | ... | |
| Celery | x | 41 | 16 | 12 | 7 | x | x | x | ... | |
| Corn | x | x | 22 | 12 | 7 | 4 | 4 | 3 | x | |
| Cucumber | x | x | x | 13 | 6 | 4 | 3 | 3 | x | |
| Eggplant | ... | ... | ... | ... | 13 | 8 | 5 | ... | ... | |
| Lettuce | 49 | 15 | 7 | 4 | 3 | 2 | 2 | x | x | |
| Muskmelon | ... | ... | ... | ... | 8 | 4 | 3 | ... | ... | |
| Okra | x | x | x | 27 | 17 | 12 | 7 | 6 | 6 | |
| Onion | 135 | 31 | 13 | 7 | 5 | 4 | 4 | 12 | x | |
| Parsley | ... | ... | 29 | 17 | 14 | 13 | 12 | ... | ... | |
| Paranip | 171 | 57 | 27 | 19 | 14 | 15 | 32 | x | x | |
| Pea | ... | 36 | 13 | 9 | 7 | 6 | 6 | ... | ... | |
| Pepper | x | x | x | 25 | 12 | 8 | 8 | 9 | x | |
| Radish | ... | 29 | 11 | 6 | 4 | 3 | 3 | ... | ... | |
| Spinach | 82 | 22 | 12 | 7 | 6 | 5 | 6 | x | x | |
| Tomato | x | x | 43 | 14 | 8 | 6 | 6 | 9 | x | |
| Turnip | x | x | 5 | 3 | 2 | 1 | 1 | 1 | 2 | |
| Watermelon | ... | x | ... | ... | 12 | 5 | 4 | 3 | ... | |

x = little or no germination. ... = not tested. ¹Data compiled by J. F. Harrington, Dept. of Vegetable Crops, Univ. of Calif. at Davis. From Handbook for Vegetable Growers by J. E. Knott. John Wiley & Sons, Inc. © 1957.

SOIL TEMPERATURE CONDITIONS FOR VEGETABLE SEED GERMINATION¹

| Crop | Minimum, °F. | Optimum Range, °F. | Optimum, °F. | | Crop | Minimum, °F. | Optimum Range, °F. | Optimum, °F. | |
|--------------|--------------|--------------------|-----------------|-----------------|------------|--------------|--------------------|--------------|-----|
| | | | °F. | °F. | | | | °F. | °F. |
| Asparagus | 50 | 60-85 | 75 | 95 | Okra | 60 | 70-95 | 95 | 105 |
| Bean | 60 | 60-85 | 80 | 95 | Onion | 35 | 50-95 | 75 | 95 |
| Bean, lima | 60 | 65-85 | 85 | 85 | Parsley | 40 | 50-85 | 75 | 90 |
| Beet | 40 | 50-85 | 85 | 95 | Paranip | 35 | 50-70 | 65 | 85 |
| Cabbage | 40 | 45-95 | 85 | 100 | Pea | 40 | 40-75 | 75 | 85 |
| Carrot | 40 | 45-85 | 80 | 95 | Pepper | 60 | 65-95 | 85 | 95 |
| Cauliflower | 40 | 45-85 | 80 | 100 | Pumpkin | 60 | 70-90 | 95 | 100 |
| Celery | 40 | 60-70 | 70 ² | 85 ² | Radish | 40 | 45-90 | 85 | 95 |
| Chard, Swiss | 40 | 50-85 | 85 | 95 | Spinach | 35 | 45-75 | 70 | 85 |
| Corn | 50 | 60-95 | 95 | 105 | Squash | 60 | 70-95 | 95 | 100 |
| Cucumber | 60 | 60-95 | 95 | 105 | Tomato | 50 | 60-85 | 85 | 95 |
| Eggplant | 60 | 75-90 | 85 | 95 | Turnip | 40 | 60-105 | 85 | 105 |
| Lettuce | 35 | 40-80 | 75 | 85 | Watermelon | 60 | 70-95 | 95 | 105 |
| Muskmelon | 60 | 75-95 | 90 | 100 | | | | | |

¹Compiled by J. F. Harrington, Dept. of Vegetable Crops, Univ. of Calif. at Davis. ²Daily fluctuation to 60° or lower at night is essential.

From Handbook for Vegetable Growers by J. E. Knott. John Wiley & Sons, Inc. © 1957.

Weather Data for the Week Ending March 2, 1985

| STATES AND STATIONS | TEMPERATURE °F | | | | | PRECIPITATION | | | | | | | | RELATIVE HUMIDITY, PERCENT | | NUMBER OF DAYS | | | |
|---------------------------|--------------------|--------------------|-----------------|----------------|---------|--------------------------|----------------------|--------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|--------------------|----------------|--------------|---------------------|---------------------|
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL, IN., SINCE MAR. 1 | PCT. NORMAL SINCE MAR. 1 | TOTAL, IN., SINCE JAN 1 | PCT. NORMAL SINCE JAN 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | TEMPERATURE | | PRECIPITATION | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| AL BIRMINGHAM | 59 | 45 | 67 | 29 | 52 | 3 | 2.0 | .6 | 1.2 | T | 10 | 9.8 | 94 | 57 | 0 | 1 | 4 | 2 | |
| MOBILE | 67 | 53 | 72 | 45 | 60 | 5 | 3.4 | 2.1 | 1.5 | 1.5 | 365 | 12.9 | 130 | 92 | 65 | 0 | 0 | 4 | |
| MONTGOMERY | 66 | 53 | 71 | 43 | 60 | 7 | 3.4 | 2.1 | 1.6 | .6 | 153 | 12.9 | 142 | 86 | 59 | 0 | 0 | 5 | |
| AK ANCHORAGE | 31 | 18 | 41 | 9 | 25 | 5 | .3 | .1 | .1 | .1 | 133 | 1.6 | 89 | 96 | 71 | 0 | 7 | 5 | |
| BARROW | -17 | -33 | 3 | -42 | -25 | -5 | .5 | 0 | 0 | 0 | 0 | .1 | 25 | 85 | 59 | 0 | 7 | 0 | |
| FAIRBANKS | 17 | -13 | 31 | -34 | 2 | 2 | .1 | 0 | .1 | T | 100 | 1.0 | 100 | 83 | 61 | 0 | 7 | 0 | |
| JUNEAU | 39 | 33 | 50 | 30 | 36 | 6 | T | -.9 | T | T | 0 | .9 | 13 | 98 | 71 | 0 | 3 | 0 | |
| KODIAK | 43 | 31 | 49 | 20 | 37 | 7 | .5 | -.7 | .3 | .3 | 94 | 16.1 | 108 | 81 | 47 | 0 | 3 | 5 | |
| NOME | 7 | -12 | 20 | -25 | -2 | -6 | .2 | .1 | .1 | .1 | 500 | 1.3 | 93 | 86 | 61 | 0 | 7 | 3 | |
| AZ PHOENIX | 76 | 50 | 82 | 43 | 63 | 6 | 0 | -.2 | 0 | 0 | 0 | 1.1 | 79 | 66 | 19 | 0 | 0 | 0 | |
| PRESCOTT | 60 | 29 | 65 | 23 | 44 | 4 | 0 | -.4 | 0 | 0 | 0 | 2.7 | 79 | 77 | 30 | 0 | 6 | 0 | |
| TUCSON | 73 | 44 | 77 | 37 | 59 | 4 | .1 | -.1 | .1 | 0 | 0 | 2.8 | 187 | 71 | 20 | 0 | 0 | 1 | |
| YUMA | 79 | 51 | 83 | 46 | 65 | 3 | 0 | -.1 | 0 | 0 | 0 | .3 | 43 | 53 | 19 | 0 | 0 | 0 | |
| AR FORT SMITH | 60 | 37 | 68 | 30 | 48 | 3 | .6 | -.2 | .4 | .4 | 200 | 7.6 | 165 | 89 | 49 | 0 | 1 | 2 | |
| LITTLE ROCK | 57 | 41 | 62 | 34 | 49 | 2 | .3 | -.7 | .3 | .3 | 93 | 6.6 | 86 | 94 | 61 | 0 | 0 | 2 | |
| CA BAKERSFIELD | 72 | 45 | 79 | 41 | 58 | 3 | .1 | -.1 | .1 | .1 | 183 | .9 | 43 | 76 | 33 | 0 | 0 | 1 | |
| EUREKA | 56 | 43 | 70 | 38 | 50 | 1 | T | -1.2 | T | T | 6 | 4.4 | 35 | 90 | 66 | 0 | 0 | 1 | |
| FRESNO | 71 | 44 | 76 | 41 | 57 | 5 | .2 | -.2 | .2 | .2 | 175 | 1.3 | 33 | 83 | 38 | 0 | 0 | 1 | |
| LOS ANGELES | 62 | 50 | 67 | 47 | 56 | -1 | 0 | -.5 | 0 | 0 | 0 | 2.6 | 46 | 93 | 59 | 0 | 0 | 0 | |
| RED BLUFF | 71 | 46 | 78 | 40 | 59 | 7 | 0 | -.7 | 0 | 0 | 0 | 1.5 | 19 | 54 | 22 | 0 | 0 | 0 | |
| SACRAMENTO | 68 | 44 | 76 | 40 | 56 | 4 | 0 | -.6 | T | T | 0 | 2.2 | 31 | 88 | 37 | 0 | 0 | 1 | |
| SAN DIEGO | 63 | 52 | 71 | 49 | 57 | -2 | .1 | -.2 | .1 | .1 | 130 | 1.4 | 39 | 88 | 59 | 0 | 0 | 1 | |
| SAN FRANCISCO | 62 | 43 | 69 | 42 | 53 | 0 | T | -.7 | T | T | 5 | 3.1 | 38 | 91 | 50 | 0 | 0 | 1 | |
| CO DENVER | 51 | 22 | 58 | 11 | 37 | 2 | .2 | 0 | .2 | 0 | 0 | 1.3 | 100 | 88 | 28 | 0 | 7 | 2 | |
| GRAND JUNCTION | 53 | 27 | 60 | 22 | 40 | 3 | 0 | -.1 | 0 | 0 | 0 | .8 | 67 | 66 | 26 | 0 | 6 | 0 | |
| PUEBLO | 54 | 23 | 64 | 14 | 38 | 1 | .2 | .1 | .2 | 0 | 0 | .9 | 150 | 94 | 33 | 0 | 6 | 1 | |
| CT BRIDGEPORT | 51 | 33 | 60 | 19 | 42 | 9 | T | -.8 | T | T | 17 | 2.8 | 43 | 83 | 54 | 0 | 2 | 1 | |
| HARTFORD | 56 | 29 | 73 | 15 | 42 | 12 | T | -.8 | T | 0 | 0 | 2.5 | 36 | 78 | 35 | 0 | 4 | 2 | |
| DC WASHINGTON | 60 | 38 | 78 | 26 | 49 | 9 | .2 | -.5 | .1 | 0 | 0 | 5.2 | 93 | 85 | 37 | 0 | 2 | 2 | |
| FL APALACHICOLA | 72 | 57 | 78 | 51 | 65 | 8 | .1 | -.9 | 0 | T | 14 | 7.4 | 100 | 91 | 66 | 0 | 0 | 2 | |
| DAYTONA BEACH | 81 | 56 | 85 | 52 | 69 | 8 | 0 | -.8 | 0 | 0 | 0 | 1.3 | 23 | 91 | 50 | 0 | 0 | 0 | |
| JACKSONVILLE | 79 | 56 | 84 | 49 | 68 | 10 | .4 | -.5 | .4 | .4 | 169 | 2.9 | 43 | 96 | 50 | 0 | 0 | 1 | |
| KEY WEST | 81 | 71 | 82 | 67 | 76 | 4 | 0 | -.4 | 0 | 0 | 0 | .6 | 16 | 72 | 55 | 0 | 0 | 0 | |
| MIAMI | 82 | 65 | 87 | 60 | 74 | 4 | T | -.5 | T | 0 | 0 | .4 | 9 | 84 | 45 | 0 | 0 | 0 | |
| MIAMI | 82 | 59 | 85 | 54 | 71 | 7 | 0 | -.8 | 0 | 0 | 0 | 2.3 | 45 | 99 | 44 | 0 | 0 | 0 | |
| TALLAHASSEE | 77 | 54 | 81 | 42 | 65 | 9 | .3 | -1.0 | .3 | .3 | 82 | 4.9 | 49 | 94 | 52 | 0 | 0 | 2 | |
| TAMPA | 82 | 60 | 84 | 57 | 71 | 8 | T | -.8 | T | 0 | 0 | 4.1 | 75 | 93 | 47 | 0 | 0 | 0 | |
| WEST PALM BEACH | 82 | 64 | 85 | 60 | 73 | 6 | 0 | -.6 | 0 | 0 | 0 | 1.4 | 25 | 90 | 48 | 0 | 0 | 0 | |
| GA ATLANTA | 61 | 48 | 64 | 35 | 55 | 7 | 1.8 | .5 | 1.4 | .2 | 47 | 9.3 | 96 | 91 | 59 | 0 | 0 | 5 | |
| AUGUSTA | 71 | 51 | 82 | 43 | 61 | 11 | .4 | -.7 | .2 | .1 | 31 | 10.0 | 119 | 96 | 51 | 0 | 0 | 3 | |
| MACON | 68 | 51 | 79 | 41 | 60 | 8 | .6 | -.6 | .3 | .3 | 94 | 8.3 | 90 | 95 | 61 | 0 | 0 | 4 | |
| SAVANNAH | 76 | 56 | 83 | 47 | 66 | 12 | .4 | -.4 | .4 | .4 | 183 | 2.3 | 35 | 89 | 44 | 0 | 0 | 2 | |
| HI HILO | 73 | 64 | 78 | 60 | 69 | -3 | 13.6 | 10.2 | 4.2 | 3.3 | 345 | 20.3 | 85 | 92 | 71 | 0 | 0 | 7 | |
| HONOLULU | 81 | 70 | 83 | 68 | 76 | 2 | 1.2 | -.4 | .8 | T | 0 | 5.0 | 75 | 79 | 56 | 0 | 0 | 2 | |
| KAHULUI | 79 | 66 | 81 | 64 | 72 | 0 | 0 | -.1 | .6 | 0 | 0 | 2.4 | 31 | 92 | 60 | 0 | 0 | 3 | |
| LIHUE | 78 | 71 | 79 | 69 | 74 | 2 | .4 | -.5 | .2 | .1 | 30 | 9.0 | 88 | 76 | 61 | 0 | 0 | 4 | |
| ID BOISE | 40 | 25 | 47 | 19 | 33 | -6 | .1 | -.1 | .1 | .1 | 150 | .8 | 29 | 86 | 51 | 0 | 7 | 1 | |
| LEWISTON | 50 | 33 | 57 | 27 | 42 | 1 | T | -.2 | T | T | 67 | .9 | 39 | 76 | 40 | 0 | 4 | 1 | |
| POCATELLO | 36 | 16 | 41 | 8 | 26 | -6 | .7 | .5 | .7 | .7 | 7 | 2.3 | 110 | 89 | 62 | 0 | 7 | 2 | |
| IL CHICAGO | 40 | 28 | 45 | 21 | 34 | 4 | .2 | -.2 | .1 | T | 25 | 5.0 | 167 | 90 | 62 | 0 | 6 | 2 | |
| MOLINE | 45 | 31 | 55 | 25 | 38 | 9 | .4 | -.1 | .2 | .2 | 158 | 3.9 | 126 | 88 | 35 | 0 | 4 | 2 | |
| PEORIA | 44 | 30 | 51 | 24 | 37 | 6 | .4 | -.1 | .3 | .3 | 179 | 3.8 | 119 | 95 | 66 | 0 | 4 | 3 | |
| QUINCY | 46 | 30 | 53 | 21 | 38 | 5 | .6 | -.1 | .3 | .2 | 120 | 4.4 | 147 | 95 | 60 | 0 | 4 | 3 | |
| ROCKFORD | 44 | 29 | 54 | 22 | 37 | 9 | .2 | -.2 | .1 | .1 | 55 | 2.9 | 107 | 89 | 58 | 0 | 5 | 2 | |
| SPRINGFIELD | 43 | 30 | 49 | 22 | 37 | 4 | .5 | 0 | .3 | .3 | 175 | 3.9 | 111 | 92 | 64 | 0 | 4 | 3 | |
| IN EVANSVILLE | 54 | 38 | 65 | 26 | 46 | 7 | .1 | -.8 | 0 | T | 15 | 6.0 | 95 | 84 | 52 | 0 | 2 | 2 | |
| FORT WAYNE | 47 | 32 | 56 | 24 | 40 | 10 | .4 | -.2 | .2 | T | 19 | 5.6 | 133 | 90 | 58 | 0 | 2 | 3 | |
| INDIANAPOLIS | 48 | 31 | 57 | 22 | 40 | 6 | .3 | -.4 | .2 | .2 | 75 | 5.2 | 98 | 92 | 55 | 0 | 3 | 3 | |
| SOUTH BEND | 43 | 30 | 50 | 21 | 37 | 7 | .4 | -.2 | .3 | T | 13 | 6.9 | 150 | 88 | 59 | 0 | 3 | 3 | |
| IA DES MOINES | 45 | 29 | 56 | 20 | 37 | 9 | .1 | -.3 | .1 | .1 | 50 | 2.7 | 123 | 85 | 54 | 0 | 6 | 1 | |
| SIoux CITY | 50 | 29 | 61 | 20 | 40 | 12 | T | -.3 | T | T | 0 | .4 | 25 | 79 | 39 | 0 | 5 | 1 | |
| WATERLOO | 41 | 26 | 52 | 19 | 34 | 9 | T | -.3 | T | 0 | 0 | 1.8 | 95 | 79 | 57 | 0 | 7 | 0 | |
| KS CONCORDIA | 51 | 29 | 58 | 22 | 40 | 6 | .1 | -.2 | .1 | 0 | 0 | 2.0 | 125 | 96 | 54 | 0 | 6 | 1 | |
| DODGE CITY | 55 | 31 | 61 | 26 | 43 | 5 | T | -.2 | T | 0 | 0 | 2.3 | 209 | 87 | 43 | 0 | 3 | 1 | |
| GOODLAND | 51 | 26 | 59 | 23 | 39 | 5 | T | -.1 | T | 0 | 0 | .7 | 88 | 92 | 44 | 0 | 6 | 1 | |
| TOPEKA | 53 | 32 | 62 | 24 | 42 | 6 | .1 | -.3 | 0 | 0 | 0 | 2.7 | 135 | 93 | 53 | 0 | 3 | 3 | |
| WICHITA | 54 | 33 | 64 | 24 | 44 | 5 | T | -.3 | T | 0 | 0 | 2.3 | 144 | 93 | 52 | 0 | 4 | 1 | |
| KY BOWLING GREEN | 55 | 37 | 63 | 20 | 46 | 6 | T | -1.1 | T | T | 0 | 4.3 | 49 | 95 | 53 | 0 | 2 | 2 | |
| LEXINGTON | 54 | 35 | 64 | 21 | 44 | 7 | T | -.9 | T | 0 | 0 | 3.0 | 42 | 84 | 45 | 0 | 2 | 1 | |
| LOUISVILLE | 54 | 37 | 65 | 23 | 46 | 7 | .1 | -.9 | .1 | T | 0 | 4.3 | 62 | 82 | 45 | 0 | 2 | 1 | |
| LA ALEXANDRIA | 63 | 51 | 72 | 46 | 57 | 0 | 2.7 | 1.3 | .7 | .6 | 179 | 12.7 | 121 | 96 | 73 | 0 | 0 | 5 | |
| BATON ROUGE | 67 | 54 | 74 | 49 | 61 | 4 | 5.2 | 4.0 | 2.1 | 1.1 | 338 | 11.4 | 115 | 91 | 66 | 0 | 0 | 6 | |
| LAKE CHARLES | 64 | 53 | 69 | 48 | 58 | 2 | 2.9 | 2.0 | 1.7 | .2 | 74 | 10.4 | 124 | 99 | 80 | 0 | 0 | 6 | |
| NEW ORLEANS | 67 | 57 | 72 | 53 | 62 | 5 | 5.5 | 4.3 | 3.1 | 1.5 | 440 | 15.6 | 147 | 86 | 66 | 0 | 0 | 5 | |

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending March 2, 1985

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | RELATIVE HUMIDITY, PERCENT | | NUMBER OF DAYS | | | | | |
|---------------------------|--------------------|--------------------|-----------------|----------------|---------|-----------------------------|----------------------|-----------------------------|--------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|--------------------|--------------------|--------------|--------------|---------------------|---------------------|---|
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL, IN., SINCE MAR. 1 | PCT. NORMAL SINCE MAR. 1 | TOTAL, IN., SINCE JAN 1 | PCT. NORMAL SINCE JAN 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | PRECIPITATION | | |
| | | | | | | | | | | | | | | | | | | .01 INCH OR MORE | .50 INCH OR MORE | |
| ME SHREVEPORT | 63 | 45 | 72 | 40 | 54 | 2 | .3 | -.5 | .3 | T | 13 | 6.8 | 88 | 99 | 62 | 0 | 0 | 3 | 0 | |
| ME CARIBOU | 32 | 15 | 39 | 0 | 23 | 7 | 1.1 | -.6 | .6 | T | 0 | 3.7 | 79 | 89 | 66 | 0 | 6 | 3 | 1 | |
| ME PORTLAND | 48 | 26 | 58 | 14 | 37 | 11 | T | -.9 | T | T | 8 | 2.6 | 34 | 82 | 39 | 0 | 5 | 1 | 0 | |
| MD BALTIMORE | 60 | 37 | 79 | 25 | 48 | 11 | .1 | -.7 | .1 | 0 | 0 | 5.0 | 81 | 76 | 32 | 0 | 4 | 2 | 0 | |
| MD SALISBURY | 59 | 38 | 75 | 24 | 48 | 9 | 1.0 | .1 | .7 | .7 | 273 | 6.5 | 93 | 98 | 47 | 0 | 2 | 3 | 1 | |
| MA BOSTON | 55 | 32 | 70 | 19 | 44 | 11 | T | -1.0 | T | T | 7 | 2.9 | 36 | 86 | 34 | 0 | 3 | 1 | 0 | |
| MA CHATHAM | 45 | 35 | 51 | 22 | 40 | 7 | 1.2 | .2 | 1.2 | 1.2 | 436 | 4.8 | 55 | 86 | -- | 0 | 1 | 1 | 1 | |
| MI ALPENA | 37 | 21 | 44 | 5 | 29 | 8 | .3 | -.1 | .3 | T | 10 | 4.4 | 142 | 88 | 61 | 0 | 6 | 3 | 0 | |
| MI DETROIT | 45 | 30 | 54 | 21 | 38 | 9 | .3 | -.1 | .2 | T | 0 | 6.5 | 176 | 87 | 52 | 0 | 3 | 3 | 0 | |
| MI FLINT | 43 | 29 | 49 | 18 | 36 | 10 | .2 | -.2 | .1 | T | 8 | 5.0 | 156 | 94 | 62 | 0 | 3 | 4 | 0 | |
| MI GRAND RAPIDS | 38 | 27 | 42 | 18 | 33 | 6 | .3 | -.2 | .1 | T | .1 | 67 | 5.3 | 147 | 94 | 62 | 0 | 5 | 4 | 0 |
| MI HOUGHTON LAKE | 35 | 24 | 39 | 13 | 30 | 9 | .3 | -.1 | .3 | T | 20 | 3.7 | 128 | 92 | 67 | 0 | 6 | 2 | 0 | |
| MI LANSING | 40 | 27 | 48 | 18 | 34 | 8 | .2 | -.2 | .1 | T | 17 | 5.0 | 147 | 94 | 62 | 0 | 6 | 3 | 0 | |
| MI MARQUETTE | 36 | 16 | 49 | -3 | 26 | 9 | .5 | 0 | .3 | .1 | 75 | 6.0 | 150 | 94 | 58 | 0 | 7 | 5 | 0 | |
| MI MUSKEGON | 36 | 29 | 38 | 21 | 32 | 6 | .4 | 0 | .2 | .2 | 146 | 5.5 | 131 | 86 | 71 | 0 | 4 | 2 | 0 | |
| MI SAULT STE. MARIE | 32 | 14 | 39 | -3 | 23 | 6 | .9 | .5 | .5 | .5 | 392 | 5.6 | 140 | 96 | 72 | 0 | 7 | 4 | 0 | |
| MN ALEXANDRIA | 36 | 17 | 51 | 6 | 26 | 10 | T | -.2 | T | T | 0 | 1.0 | 63 | 92 | 56 | 0 | 7 | 1 | 0 | |
| MN DULUTH | 35 | 17 | 48 | -2 | 26 | 10 | .1 | -.2 | .1 | 0 | 0 | 1.0 | 45 | 86 | 55 | 0 | 7 | 3 | 0 | |
| MN INT'L FALLS | 31 | 9 | 44 | -14 | 20 | 8 | .2 | 0 | .2 | 0 | 0 | 1.2 | 71 | 93 | 64 | 0 | 7 | 2 | 0 | |
| MN MINNEAPOLIS | 40 | 24 | 54 | 11 | 32 | 10 | T | -.3 | T | T | 0 | 1.4 | 78 | 75 | 49 | 0 | 7 | 1 | 0 | |
| MN ROCHESTER | 38 | 25 | 47 | 11 | 31 | 10 | T | -.2 | T | T | 38 | 1.2 | 80 | 87 | 65 | 0 | 7 | 1 | 0 | |
| MS GREENWOOD | 60 | 46 | 66 | 32 | 53 | 3 | .6 | -.6 | .3 | .1 | 24 | 6.9 | 68 | 97 | 61 | 0 | 1 | 3 | 0 | |
| MS JACKSON | 62 | 48 | 70 | 35 | 55 | 3 | 2.8 | 1.6 | 1.6 | .6 | 162 | 12.1 | 123 | 99 | 72 | 0 | 0 | 5 | 3 | |
| MS MERIDIAN | 65 | 50 | 71 | 38 | 58 | 6 | 3.7 | 2.4 | 1.8 | .7 | 182 | 10.0 | 100 | 96 | 67 | 0 | 0 | 4 | 3 | |
| MO CAPE GIRARDEAU | 53 | 37 | 60 | 27 | 45 | -- | .2 | -.7 | .2 | .2 | 75 | 6.3 | 102 | 93 | 57 | 0 | 2 | 1 | 0 | |
| MO COLUMBIA | 50 | 31 | 60 | 21 | 40 | 5 | .3 | -.3 | .2 | .1 | 41 | 7.5 | 208 | 94 | 55 | 0 | 3 | 3 | 0 | |
| MO KANSAS CITY | 49 | 30 | 59 | 21 | 39 | 4 | .2 | -.2 | .1 | T | 25 | 3.7 | 154 | 92 | 54 | 0 | 5 | 4 | 0 | |
| MO SAINT LOUIS | 52 | 34 | 59 | 26 | 43 | 6 | .3 | -.3 | .2 | .1 | 61 | 4.4 | 110 | 92 | 51 | 0 | 3 | 3 | 0 | |
| MO SPRINGFIELD | 56 | 34 | 63 | 24 | 45 | 6 | .1 | -.6 | 0 | T | 21 | 5.9 | 151 | 87 | 45 | 0 | 3 | 2 | 0 | |
| MT BILLINGS | 44 | 26 | 57 | 18 | 35 | 4 | 1.2 | 1.0 | .6 | 1.1 | 1.8 | 106 | 80 | 45 | 0 | 6 | 4 | 2 | 0 | |
| MT GLASGOW | 42 | 26 | 50 | 20 | 34 | 14 | T | -.1 | T | T | 100 | .1 | 11 | 91 | 57 | 0 | 5 | 1 | 0 | |
| MT GREAT FALLS | 40 | 26 | 52 | 16 | 33 | 4 | .5 | .4 | .3 | .5 | 1.1 | 61 | 90 | 56 | 0 | 6 | 2 | 0 | 0 | |
| MT HAVRE | 41 | 27 | 49 | 23 | 34 | 11 | T | -.1 | T | T | 100 | .4 | 40 | 93 | 57 | 0 | 6 | 1 | 0 | |
| MT HELENA | 40 | 25 | 49 | 19 | 33 | 4 | .3 | .2 | .2 | .2 | 600 | .8 | 73 | 82 | 50 | 0 | 6 | 3 | 0 | |
| MT KALISPELL | 36 | 24 | 40 | 16 | 30 | 1 | .3 | .1 | .1 | T | 0 | 1.4 | 52 | 76 | 54 | 0 | 6 | 3 | 0 | |
| MT MILES CITY | 42 | 23 | 51 | 15 | 32 | 6 | .4 | .2 | .4 | .4 | 900 | .6 | 50 | 88 | 60 | 0 | 7 | 1 | 0 | |
| MT MISSOULA | 41 | 28 | 48 | 22 | 34 | 4 | .2 | 0 | .1 | .1 | 275 | 1.0 | 43 | 88 | 54 | 0 | 6 | 3 | 0 | |
| NE GRAND ISLAND | 52 | 29 | 59 | 23 | 41 | 10 | T | -.3 | T | 0 | 0 | .5 | 36 | 74 | 38 | 0 | 4 | 0 | 0 | |
| NE LINCOLN | 50 | 28 | 56 | 19 | 39 | 8 | .1 | -.3 | .1 | 0 | 0 | .8 | 44 | 94 | 49 | 0 | 7 | 1 | 0 | |
| NE NORFOLK | 51 | 28 | 60 | 19 | 40 | 12 | T | -.3 | T | 0 | 0 | .4 | 29 | 80 | 37 | 0 | 5 | 1 | 0 | |
| NE NORTH PLATTE | 52 | 22 | 58 | 19 | 40 | 12 | T | -.2 | T | T | 0 | .7 | 70 | 88 | 32 | 0 | 7 | 0 | 0 | |
| NE OMAHA | 48 | 30 | 57 | 24 | 39 | 10 | 0 | -.3 | 0 | 0 | 0 | 1.1 | 61 | 85 | 54 | 0 | 4 | 0 | 0 | |
| NE SCOTTSBLUFF | 53 | 21 | 60 | 16 | 37 | 5 | T | -.1 | T | 0 | 0 | .8 | 89 | 71 | 26 | 0 | 7 | 0 | 0 | |
| NE VALENTINE | 50 | 23 | 57 | 16 | 36 | 10 | T | -.1 | T | T | 0 | .6 | 75 | 80 | 31 | 0 | 7 | 0 | 0 | |
| NV ELY | 46 | 17 | 52 | 12 | 31 | 1 | .2 | 0 | .2 | .2 | 475 | 1.1 | 79 | 92 | 41 | 0 | 7 | 1 | 0 | |
| NV LAS VEGAS | 66 | 39 | 72 | 37 | 53 | 1 | T | -.1 | T | T | 0 | .2 | 20 | 53 | 18 | 0 | 0 | 0 | 0 | |
| NV RENO | 54 | 25 | 65 | 21 | 40 | 1 | .1 | -.1 | 0 | .1 | 117 | 1.0 | 43 | 87 | 26 | 0 | 7 | 2 | 0 | |
| NV WINNEMUCCA | 48 | 25 | 56 | 21 | 37 | 0 | .3 | .2 | .3 | .3 | 775 | 1.8 | 113 | 93 | 41 | 0 | 7 | 1 | 0 | |
| NH CONCORD | 51 | 25 | 59 | 13 | 38 | 13 | T | -.6 | T | 0 | 0 | 2.8 | 52 | 79 | 41 | 0 | 6 | 1 | 0 | |
| NJ ATLANTIC CITY | 59 | 36 | 75 | 20 | 47 | 12 | .6 | -.3 | .3 | .6 | 231 | 4.3 | 61 | 90 | 38 | 0 | 3 | 3 | 0 | |
| NM ALBUQUERQUE | 59 | 32 | 67 | 24 | 46 | 4 | .1 | 0 | .1 | T | 0 | 1.0 | 125 | 82 | 23 | 0 | 3 | 1 | 0 | |
| NM CLOVIS | 60 | 31 | 70 | 24 | 45 | 2 | T | -.1 | T | 0 | 0 | 1.5 | 136 | 76 | 29 | 0 | 4 | 0 | 0 | |
| NM ROSWELL | 66 | 33 | 76 | 25 | 49 | 1 | 0 | -.1 | 0 | 0 | 0 | .3 | 60 | 81 | 26 | 0 | 3 | 0 | 0 | |
| NY ALBANY | 52 | 28 | 65 | 12 | 40 | 13 | .1 | -.5 | .1 | 0 | 0 | 2.0 | 42 | 81 | 41 | 0 | 4 | 1 | 0 | |
| NY BINGHAMTON | 47 | 27 | 62 | 12 | 37 | 12 | T | -.6 | T | 0 | 0 | 2.6 | 51 | 79 | 48 | 0 | 6 | 1 | 0 | |
| NY BUFFALO | 46 | 27 | 58 | 10 | 36 | 9 | .6 | 0 | .4 | .1 | 44 | 7.7 | 138 | 86 | 55 | 0 | 4 | 3 | 0 | |
| NY NEW YORK | 55 | 36 | 73 | 23 | 46 | 10 | T | -.8 | T | T | 8 | 2.6 | 41 | 78 | 40 | 0 | 2 | 2 | 0 | |
| NY ROCHESTER | 46 | 27 | 61 | 15 | 36 | 9 | .1 | -.4 | .1 | T | 0 | 4.3 | 90 | 85 | 51 | 0 | 5 | 2 | 0 | |
| NY SYRACUSE | 48 | 29 | 63 | 14 | 39 | 12 | .2 | -.5 | .1 | T | 0 | 4.0 | 73 | 82 | 48 | 0 | 5 | 3 | 0 | |
| NC ASHEVILLE | 59 | 40 | 67 | 27 | 49 | 8 | .7 | -.4 | .7 | T | 0 | 7.7 | 104 | 93 | 49 | 0 | 2 | 1 | 1 | |
| NC CHARLOTTE | 63 | 47 | 73 | 37 | 55 | 10 | 1.1 | .1 | 1.0 | 0 | 0 | 9.3 | 118 | 89 | 49 | 0 | 0 | 1 | 1 | |
| NC GREENSBORO | 63 | 41 | 77 | 28 | 52 | 10 | 1.1 | .3 | .7 | T | 0 | 8.1 | 114 | 87 | 39 | 0 | 2 | 2 | 1 | |
| NC HATTERAS | 64 | 50 | 71 | 42 | 57 | 10 | 1.3 | .4 | .7 | .6 | 218 | 10.6 | 116 | 96 | 62 | 0 | 0 | 4 | 2 | |
| NC NEW BERN | 68 | 51 | 80 | 40 | 60 | 11 | .4 | -.6 | .2 | .1 | 35 | 7.6 | 93 | 84 | 51 | 0 | 0 | 3 | 0 | |
| NC RALEIGH | 65 | 44 | 78 | 30 | 54 | 10 | 1.2 | .3 | .9 | 0 | 0 | 9.3 | 129 | 82 | 41 | 0 | 2 | 2 | 1 | |
| NC WILMINGTON | 70 | 55 | 77 | 46 | 62 | 13 | .4 | -.6 | .3 | .1 | 38 | 7.2 | 99 | 84 | 47 | 0 | 0 | 2 | 0 | |
| ND BISMARCK | 40 | 20 | 53 | 8 | 30 | 11 | .1 | 0 | .1 | .1 | 200 | .4 | 40 | 87 | 51 | 0 | 7 | 2 | 0 | |
| ND FARGO | 37 | 18 | 51 | 10 | 27 | 12 | T | -.1 | T | T | 0 | .4 | 40 | 80 | 59 | 0 | 6 | 1 | 0 | |
| ND GRAND FORKS | 35 | 19 | 41 | 10 | 27 | 13 | .2 | .1 | .2 | 0 | 0 | .7 | 54 | 81 | 64 | 0 | 6 | 1 | 0 | |
| ND WILLISTON | 39 | 18 | 48 | 5 | 29 | 10 | .2 | .1 | .2 | T | 50 | .4 | 36 | 89 | 57 | 0 | 7 | 2 | 0 | |
| OH AKRON-CANTON | 46 | 27 | 60 | 20 | 37 | 7 | .1 | -.5 | .1 | T | 5 | 3.2 | 65 | 86 | 52 | 0 | 6 | 3 | 0 | |
| OH CINCINNATI | 53 | 35 | 66 | 20 | 44 | 8 | T | -.7 | T | T | 9 | 4.0 | 67 | 81 | 47 | 0 | 2 | 2 | 0 | |
| OH CLEVELAND | 47 | 28 | 61 | 19 | 38 | 7 | .3 | -.3 | .2 | T | 6 | 4.3 | 88 | 86 | 49 | 0 | 5 | 3 | 0 | |
| OH COLUMBUS | 48 | 31 | 62 | 24 | 40 | 6 | .2 | -.4 | .1 | T | 11 | 2.9 | 57 | 80 | 50 | 0 | 3 | 2 | 0 | |

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending March 2, 1985

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | RELATIVE HUMIDITY, PERCENT | | NUMBER OF DAYS | | | | | |
|---------------------------|--------------------|--------------------|-----------------|----------------|---------|--------------------------|----------------------|--------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|--------------------|--------------------|--------------|--------------|---------------------|---------------------|---|
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL, IN., SINCE MAR. 1 | PCT. NORMAL SINCE MAR. 1 | TOTAL, IN., SINCE JAN 1 | PCT. NORMAL SINCE JAN 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | TEMPERATURE | | PRECIPITATION | | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE | |
| DAYTON | 48 | 32 | 62 | 22 | 40 | 7 | .3 | -.3 | .2 | .2 | 100 | 4.0 | 82 | 79 | 50 | 0 | 2 | 3 | 0 | 0 |
| TOLEDO | 45 | 30 | 57 | 21 | 38 | 9 | .3 | -.2 | .1 | .1 | 11 | 5.1 | 131 | 94 | 56 | 0 | 3 | 3 | 0 | 0 |
| YOUNGSTOWN | 45 | 25 | 59 | 15 | 35 | 6 | .2 | -.4 | .1 | T | T | 2.1 | 89 | 56 | 0 | 6 | 3 | 0 | 0 | |
| OK OKLAHOMA CITY | 56 | 36 | 64 | 29 | 46 | 2 | .1 | -.3 | .1 | T | T | 4.6 | 94 | 51 | 0 | 1 | 1 | 0 | 0 | |
| TULSA | 57 | 36 | 64 | 29 | 46 | 2 | T | -.5 | T | T | 0 | 6.9 | 209 | 92 | 47 | 0 | 3 | 0 | 0 | |
| OR ASTORIA | 50 | 34 | 52 | 26 | 42 | -2 | .2 | -1.6 | .1 | T | T | 4.8 | 24 | 88 | 58 | 0 | 2 | 0 | 0 | |
| BURNS | 42 | 23 | 51 | 15 | 32 | -3 | .1 | 0 | .1 | .1 | 250 | .7 | 78 | --- | --- | 0 | 6 | 6 | 0 | |
| MEDFORD | 57 | 29 | 68 | 24 | 43 | -1 | .1 | -.4 | .1 | .1 | 100 | 2.0 | 35 | 97 | 40 | 0 | 1 | 1 | 0 | |
| PENDLETON | 50 | 33 | 58 | 29 | 41 | -1 | T | -.2 | T | T | 38 | 1.9 | 66 | 75 | 45 | 0 | 5 | 5 | 0 | |
| PORTLAND | 55 | 35 | 61 | 28 | 45 | 0 | T | -.9 | T | T | 0 | 1.8 | 17 | 92 | 46 | 0 | 2 | 0 | 0 | |
| SALEM | 54 | 30 | 58 | 23 | 42 | -2 | T | -1.0 | T | T | 7 | 3.7 | 31 | 93 | 46 | 0 | 5 | 5 | 0 | |
| PA ALLENTOWN | 55 | 31 | 76 | 21 | 43 | 11 | T | -.8 | T | T | 0 | 3.1 | 47 | 76 | 30 | 0 | 4 | 1 | 0 | |
| ERIE | 45 | 24 | 62 | 12 | 34 | 6 | .6 | .1 | .4 | .1 | 38 | 5.4 | 113 | 94 | 60 | 0 | 5 | 3 | 0 | |
| HARRISBURG | 55 | 36 | 75 | 23 | 45 | 11 | T | -.7 | T | T | 0 | 4.0 | 68 | 77 | 36 | 0 | 4 | 1 | 0 | |
| PHILADELPHIA | 58 | 34 | 74 | 23 | 46 | 10 | .1 | -.7 | 0 | 0 | 14 | 4.0 | 65 | 83 | 33 | 0 | 3 | 3 | 0 | |
| PITTSBURGH | 49 | 29 | 64 | 17 | 39 | 7 | .1 | -.6 | 0 | 0 | 0 | 2.9 | 53 | 89 | 51 | 0 | 4 | 2 | 0 | |
| SCRANTON | 52 | 31 | 71 | 16 | 42 | 12 | T | -.6 | T | T | 0 | 2.2 | 49 | 80 | 40 | 0 | 4 | 0 | 0 | |
| RI PROVIDENCE | 55 | 32 | 72 | 19 | 43 | 12 | .2 | -.8 | .2 | .2 | 69 | 3.0 | 38 | 89 | 35 | 0 | 3 | 1 | 0 | |
| SC CHARLESTON | 72 | 55 | 78 | 45 | 63 | 11 | .1 | -.9 | 0 | T | 11 | 3.4 | 49 | 89 | 53 | 0 | 0 | 0 | 0 | |
| COLUMBIA | 70 | 49 | .81 | 36 | 59 | 10 | .3 | -.8 | .2 | T | 0 | 10.4 | 120 | 96 | 52 | 0 | 0 | 0 | 0 | |
| FLORENCE | 69 | 52 | 79 | 41 | 60 | 11 | .3 | -.6 | .2 | T | 0 | 7.0 | 97 | 93 | 51 | 0 | 0 | 0 | 0 | |
| GREENVILLE | 64 | 47 | 69 | 38 | 56 | 10 | 1.2 | 0 | 1.1 | T | 6 | 9.3 | 103 | 88 | 48 | 0 | 0 | 0 | 1 | |
| SD ABERDEEN | 44 | 25 | 56 | 19 | 34 | 14 | .3 | .1 | .3 | .3 | 700 | .6 | 50 | 85 | 51 | 0 | 7 | 1 | 0 | |
| HURON | 46 | 27 | 58 | 21 | 37 | 14 | .6 | .3 | .5 | .5 | 900 | 1.0 | 77 | 80 | 42 | 0 | 7 | 2 | 1 | |
| RAPID CITY | 46 | 23 | 61 | 14 | 35 | 6 | .4 | .2 | .4 | .4 | 975 | .9 | 82 | 75 | 36 | 0 | 6 | 2 | 0 | |
| SIOUX FALLS | 46 | 26 | 59 | 19 | 36 | 13 | .1 | -.2 | .1 | .1 | 75 | .6 | 40 | 84 | 43 | 0 | 7 | 1 | 0 | |
| TN CHATTANOOGA | 61 | 43 | 67 | 28 | 52 | 7 | .7 | -.6 | .6 | T | 8 | 8.4 | 82 | 89 | 52 | 0 | 1 | 3 | 1 | |
| KNOXVILLE | 61 | 40 | 71 | 23 | 50 | 6 | .5 | -.7 | .4 | T | 9 | 7.5 | 82 | 96 | 46 | 0 | 2 | 2 | 0 | |
| MEMPHIS | 60 | 42 | 66 | 31 | 51 | 5 | .1 | -1.0 | 0 | T | 9 | 7.7 | 83 | 95 | 55 | 0 | 1 | 3 | 0 | |
| NASHVILLE | 58 | 40 | 66 | 26 | 49 | 5 | .1 | -1.0 | 0 | T | 0 | 6.1 | 69 | 92 | 49 | 0 | 2 | 2 | 0 | |
| TX ABILENE | 63 | 41 | 75 | 33 | 52 | 1 | .2 | 0 | .2 | T | 0 | 2.0 | 100 | 89 | 42 | 0 | 0 | 1 | 0 | |
| AMARILLO | 58 | 31 | 65 | 24 | 45 | 3 | T | -.2 | T | T | 0 | 1.8 | 164 | 85 | 39 | 0 | 4 | 0 | 0 | |
| AUSTIN | 68 | 49 | 79 | 43 | 58 | 2 | .6 | .1 | .6 | T | 0 | 3.5 | 83 | 91 | 55 | 0 | 0 | 2 | 1 | |
| BEAUMONT | 67 | 55 | 74 | 51 | 61 | 4 | 2.2 | 1.4 | .8 | .5 | 241 | 10.8 | 133 | 99 | 75 | 0 | 0 | 5 | 2 | |
| BROWNSVILLE | 73 | 58 | 82 | 52 | 66 | 1 | .3 | .1 | .2 | T | 0 | 2.0 | 69 | 100 | 79 | 0 | 0 | 4 | 0 | |
| CORPUS CHRISTI | 66 | 54 | 76 | 51 | 60 | -2 | 2.4 | 2.1 | 1.3 | T | 0 | 5.5 | 167 | 96 | 76 | 0 | 0 | 0 | 0 | |
| DEL RIO | 62 | 49 | 72 | 39 | 56 | -3 | .4 | -.2 | .4 | T | 25 | 1.7 | 121 | 85 | 57 | 0 | 0 | 2 | 0 | |
| EL PASO | 66 | 36 | 77 | 29 | 51 | 0 | T | -.1 | T | T | 0 | 1.1 | 122 | 86 | 26 | 0 | 3 | 0 | 0 | |
| FORT WORTH | 64 | 45 | 77 | 37 | 54 | 3 | .1 | -.4 | .1 | 0 | 0 | 3.5 | 95 | 91 | 57 | 0 | 0 | 1 | 0 | |
| GALVESTON | 60 | 53 | 65 | 49 | 57 | -1 | 1.5 | 1.0 | .8 | T | 7 | 8.3 | 154 | 97 | 84 | 0 | 0 | 6 | 2 | |
| HOUSTON | 64 | 51 | 75 | 47 | 57 | 1 | 1.8 | 1.1 | 1.0 | T | 11 | 7.5 | 112 | 93 | 63 | 0 | 0 | 6 | 1 | |
| LUBBOCK | 62 | 34 | 72 | 25 | 48 | 2 | T | -.2 | T | T | 0 | .7 | 70 | 92 | 34 | 0 | 3 | 1 | 0 | |
| MIDLAND | 63 | 39 | 76 | 35 | 51 | 1 | .4 | -.3 | .4 | 0 | 0 | 1.4 | 140 | 86 | 41 | 0 | 0 | 1 | 0 | |
| SAN ANGELO | 65 | 41 | 77 | 32 | 53 | 0 | .1 | -.2 | .1 | 0 | 0 | 1.1 | 73 | 92 | 47 | 0 | 1 | 1 | 0 | |
| SAN ANTONIO | 65 | 49 | 73 | 41 | 57 | 0 | .4 | .1 | .4 | T | 0 | 4.6 | 131 | 91 | 58 | 0 | 0 | 3 | 0 | |
| VICTORIA | 66 | 53 | 76 | 56 | 60 | 1 | 1.2 | .7 | .4 | T | 0 | 5.2 | 124 | 96 | 69 | 0 | 0 | 5 | 0 | |
| WACO | 62 | 45 | 76 | 40 | 54 | 0 | .3 | -.1 | .3 | T | 0 | 2.7 | 69 | 92 | 63 | 0 | 0 | 1 | 0 | |
| WICHITA FALLS | 58 | 38 | 67 | 30 | 48 | 0 | .3 | 0 | .3 | T | 0 | 3.7 | 185 | 93 | 57 | 0 | 1 | 1 | 0 | |
| UT BLANDING | 53 | 25 | 57 | 20 | 39 | 3 | 0 | -.2 | 0 | 0 | 0 | 1.6 | 70 | 77 | 24 | 0 | 7 | 0 | 0 | |
| CEDAR CITY | 52 | 25 | 57 | 19 | 39 | 3 | T | -.2 | T | T | 0 | 1.0 | 67 | 88 | 31 | 0 | 6 | 2 | 0 | |
| SALT LAKE CITY | 42 | 22 | 50 | 16 | 32 | -4 | .3 | -.1 | .2 | .2 | 230 | 2.0 | 71 | 88 | 48 | 0 | 2 | 2 | 0 | |
| VT BURLINGTON | 47 | 23 | 55 | 7 | 35 | 14 | .1 | -.4 | .1 | T | 0 | 2.7 | 73 | 77 | 41 | 0 | 5 | 2 | 0 | |
| VA NORFOLK | 61 | 42 | 80 | 29 | 52 | 8 | 1.2 | .4 | .7 | .2 | 92 | 7.7 | 105 | 86 | 47 | 0 | 2 | 3 | 1 | |
| RICHMOND | 64 | 39 | 82 | 27 | 51 | 10 | .4 | -.4 | .2 | 0 | 0 | 6.8 | 103 | 90 | 37 | 0 | 2 | 2 | 0 | |
| ROANOKE | 64 | 39 | 80 | 27 | 51 | 10 | .7 | -.1 | .6 | 0 | 0 | 6.1 | 97 | 82 | 35 | 0 | 2 | 2 | 1 | |
| WA COLVILLE | 42 | 26 | 47 | 21 | 34 | 0 | 0 | -.3 | 0 | 0 | 0 | 2.3 | 61 | 95 | 63 | 0 | 7 | 0 | 0 | |
| QUILLAYUTE | 50 | 33 | 52 | 22 | 41 | -1 | .8 | -2.1 | .5 | 0 | 0 | 7.9 | 28 | 99 | 60 | 0 | 3 | 4 | 1 | |
| SEATTLE-TACOMA | 49 | 36 | 53 | 32 | 42 | -2 | .2 | -.7 | .2 | T | 0 | 19 | 43 | 41 | 92 | 52 | 0 | 1 | 3 | 0 |
| SPOKANE | 40 | 25 | 42 | 20 | 33 | -2 | T | -.3 | T | T | 10 | 1.3 | 31 | 94 | 58 | 0 | 7 | 1 | 0 | |
| YAKIMA | 52 | 30 | 60 | 26 | 41 | 2 | T | -.1 | T | T | 0 | .8 | 36 | 83 | 38 | 0 | 6 | 0 | 0 | |
| WV BECKLEY | 55 | 34 | 71 | 12 | 45 | 9 | .3 | -.6 | .2 | .2 | 0 | 4.3 | 62 | 86 | 44 | 0 | 4 | 2 | 0 | |
| CHARLESTON | 59 | 37 | 74 | 22 | 48 | 9 | .1 | -.7 | .1 | T | 0 | 5.3 | 78 | 81 | 41 | 0 | 3 | 3 | 0 | |
| HUNTINGTON | 56 | 35 | 71 | 22 | 45 | 6 | .1 | -.7 | .1 | T | 0 | 6.0 | 95 | 92 | 45 | 0 | 3 | 1 | 0 | |
| PARKERSBURG | 54 | 34 | 68 | 24 | 44 | 8 | T | -.8 | T | T | 0 | 3.5 | 51 | 90 | 46 | 0 | 3 | 1 | 0 | |
| WI GREEN BAY | 40 | 27 | 51 | 18 | 33 | 12 | .1 | -.3 | .1 | 0 | 0 | 3.2 | 139 | 86 | 59 | 0 | 6 | 7 | 0 | |
| LA CROSSE | 41 | 26 | 53 | 15 | 34 | 10 | T | -.3 | T | T | 0 | 2.2 | 116 | 84 | 54 | 0 | 7 | 2 | 0 | |
| MADISON | 43 | 28 | 57 | 19 | 35 | 11 | .1 | -.2 | .1 | T | 0 | 3.3 | 150 | 82 | 59 | 0 | 6 | 1 | 0 | |
| MILWAUKEE | 41 | 30 | 50 | 22 | 36 | 10 | .3 | -.2 | .2 | .1 | 67 | 4.3 | 139 | 83 | 54 | 0 | 4 | 2 | 0 | |
| WAUSAU | 39 | 24 | 49 | 12 | 31 | 11 | T | -.3 | T | T | 0 | 1.3 | 65 | 86 | 57 | 0 | 7 | 0 | 0 | |
| WY CASPER | 36 | 19 | 44 | 7 | 28 | -1 | .2 | -.1 | .1 | .1 | 325 | 1.5 | 136 | 85 | 57 | 0 | 7 | 3 | 0 | |
| CHEYENNE | 46 | 19 | 54 | 8 | 33 | 3 | T | -.1 | T | T | 0 | .8 | 89 | 85 | 32 | 0 | 7 | 0 | 0 | |
| LANDER | 45 | 22 | 54 | 15 | 33 | 5 | .1 | -.1 | .1 | .1 | 217 | .8 | 67 | 71 | 34 | 0 | 7 | 1 | 0 | |
| SHERIDAN | 40 | 17 | 48 | 10 | 29 | 0 | .1 | -.1 | .1 | .1 | 167 | 0 | 75 | 85 | 54 | 0 | 7 | 1 | 0 | |
| PR SAN JUAN | 81 | 70 | 82 | 68 | 76 | -2 | 1.9 | 1.4 | .8 | T | 0 | 5.2 | 100 | 82 | 61 | 0 | 0 | 5 | 2 | |

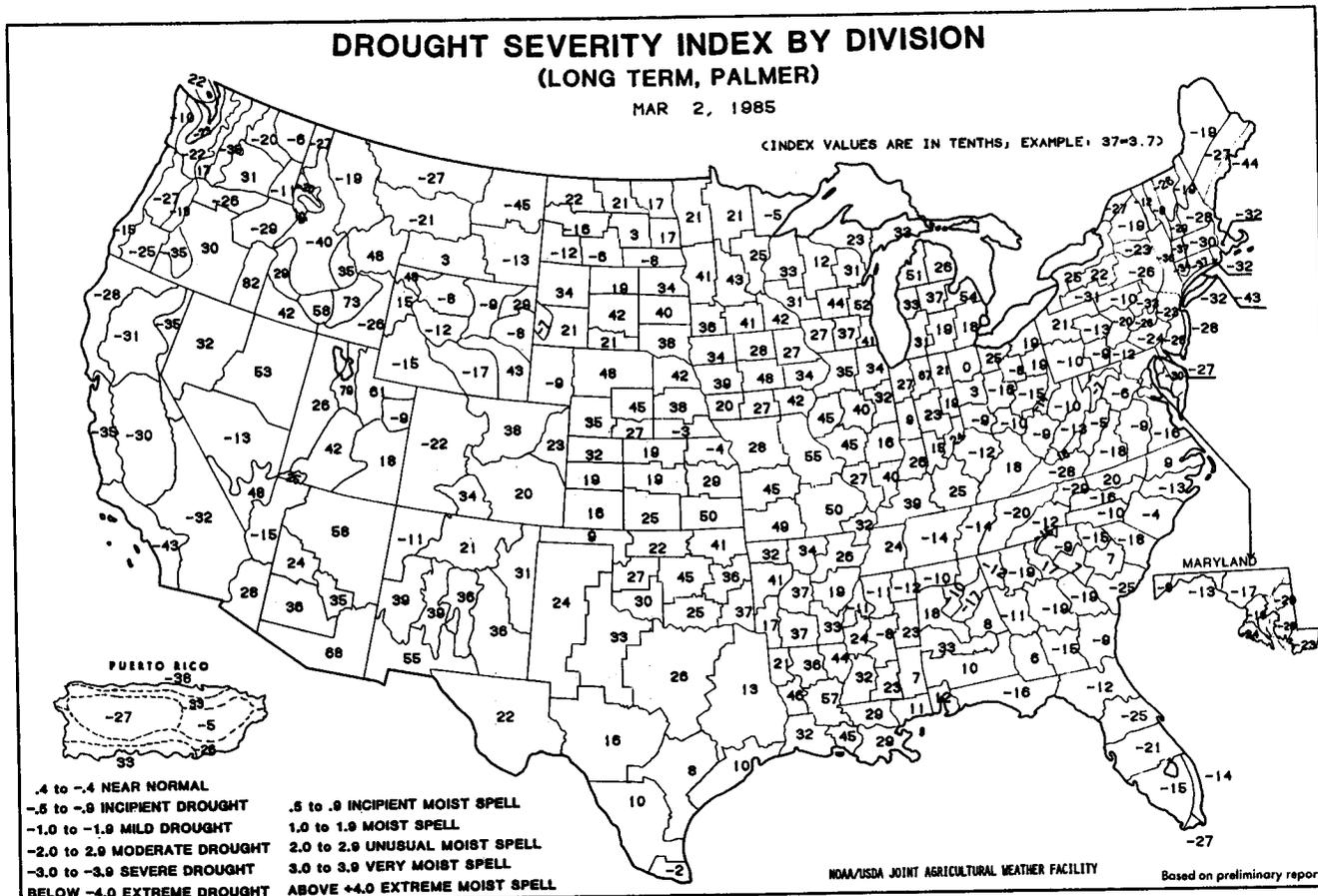
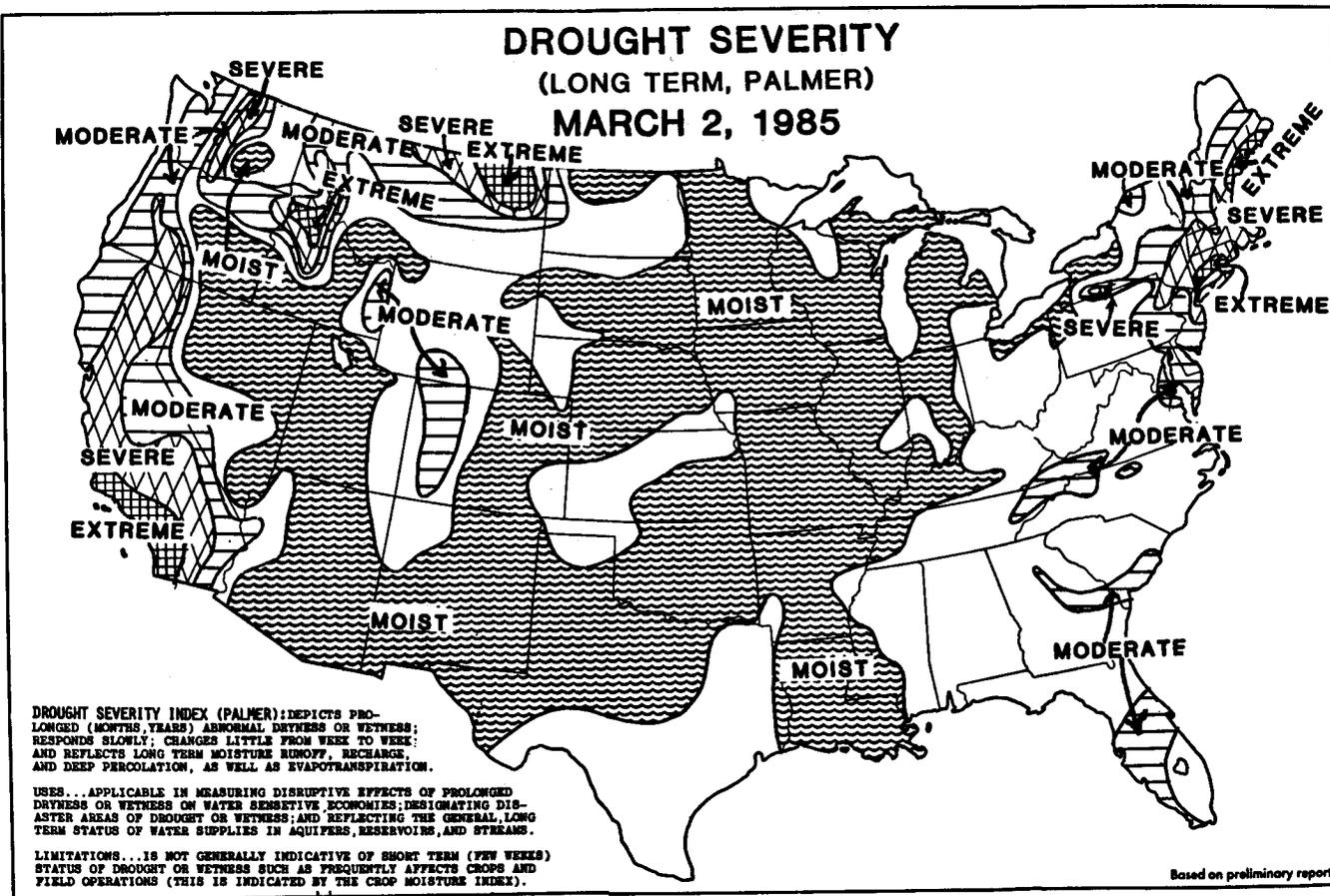
BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

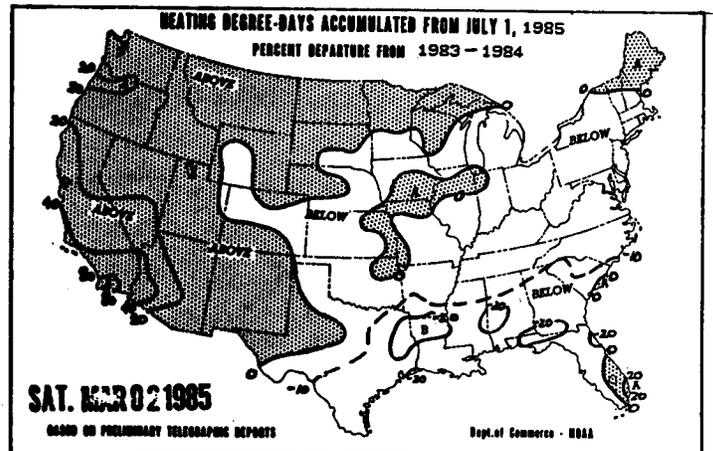
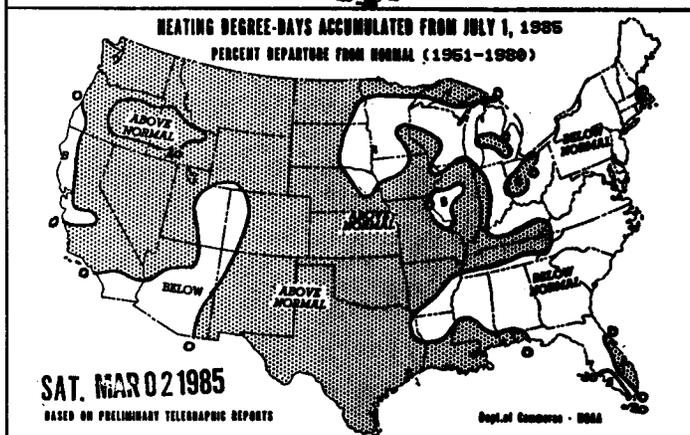
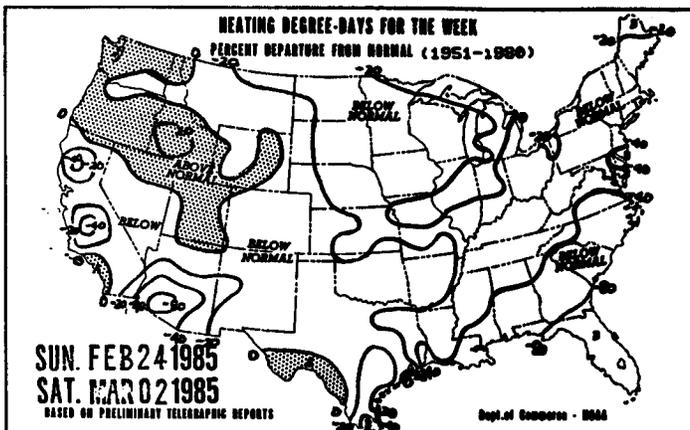
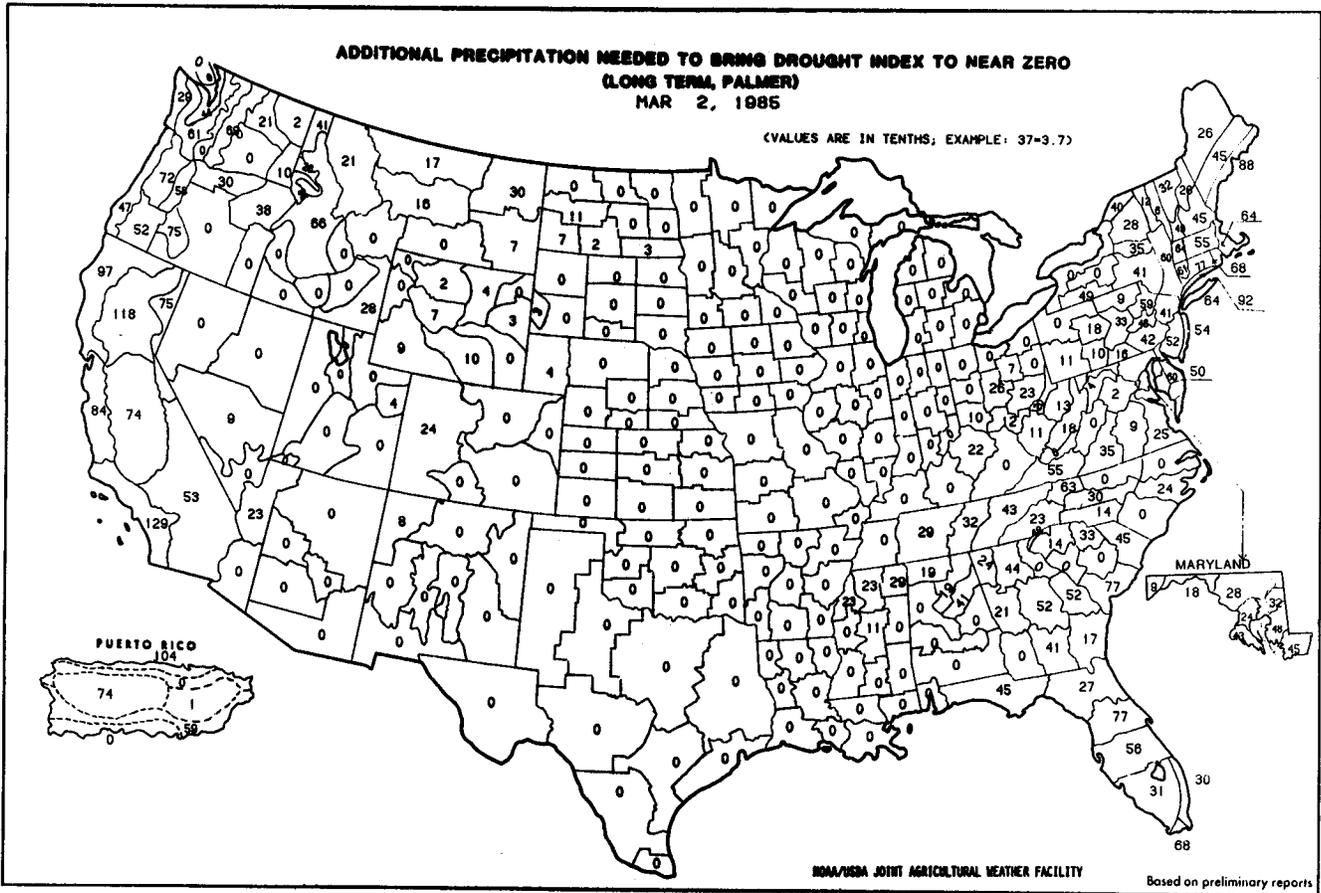
HEATING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NMC-MMS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NESDIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 3-2-1985
** NORMAL LESS THAN 100 OR RATIO INCALCULABLE

Table with columns: STATE CITY, CALL WEEK, WEEK WEEK, CUM CUM, CUM CUM, CUM CUM, CUM CUM. Lists cities from AL BIRMINGHAM to MT KALISPELL with associated data values.

Table with columns: STATE CITY, CALL WEEK, WEEK WEEK, CUM CUM, CUM CUM, CUM CUM, CUM CUM. Lists cities from MT MILES CITY to WY SHERIDAN with associated data values.





February Weather and Crop Summary

FEBRUARY WEATHER SUMMARY

HIGHLIGHTS: The full fury of winter prevailed over the Nation during the first half of the month. Freezing temperatures reached into the Gulf of Mexico, and frost nipped at orchards in southern California and Arizona. Snow cover reached into most of Arizona and New Mexico, north central Texas, central Mississippi, through the Appalachians, and the Northeast. The Nation warmed rapidly after midmonth and deluges of rain fell from central Oklahoma and northeastern Arkansas to central Missouri; heavy rain fell from central Texas to the St. Lawrence Valley. The rain, combined with melting snow, caused serious flooding. Most streams in these areas overflowed their banks, and standing water filled the low areas. Florida, the northern Plains, and much of the West recorded well-below-normal precipitation. As the month ended, another cold outbreak into the northern Great Plains brought chilling temperatures, high winds, and snow.

The icy grip of winter continued its clutch over the Nation as the month began. During the first two days of the month snow extended its protective shield into much of the South and covered most of Arizona, New Mexico, from north central Texas to central Mississippi, through the Appalachians, and all of the Northeast.

FIRST WEEK... Winter pushed with all its fury. Freezing temperatures reached into the Gulf of Mexico. Frost nipped orchards in California and Arizona. Average temperatures were 15 to 20 degrees colder than normal in the central and northern Plateau and Rockies and even in part of the Ohio Valley. It was not until near the end of the week that snow cover began to recede.

SECOND WEEK... Snow, blowing snow, or freezing rain plagued the area from Arkansas and Missouri to the Great Lakes, southward to the Tennessee Valley, throughout the Appalachians, and from the mid-Atlantic States northward. Average temperatures were much colder than normal from the central Mississippi Valley through Florida and in parts of the West. However, warmer temperatures prevailed over much of the West as the week ended. Snow cover remained heavy from the upper Mississippi Valley through the Great Lakes, the Ohio Valley, and through the Appalachians. Snow cover receded in the eastern Rockies and the Plains.

THIRD WEEK... Deluges of rain caused serious flooding from south central Oklahoma and northwestern Arkansas to central Missouri. Later in the week, heavy rain fell from south central Texas to southern Michigan and the St. Lawrence Valley. Heavy showers also reached into the Mississippi Delta. Lighter rain fell through the southern and central Plains, the Great Lakes, and the Northeast. The week began with rather cold temperatures in the East, where freezing temperatures reached into northern Florida, but ended with most of the Nation being warmer than normal. Record-high temperatures were set on both the east and west coasts.

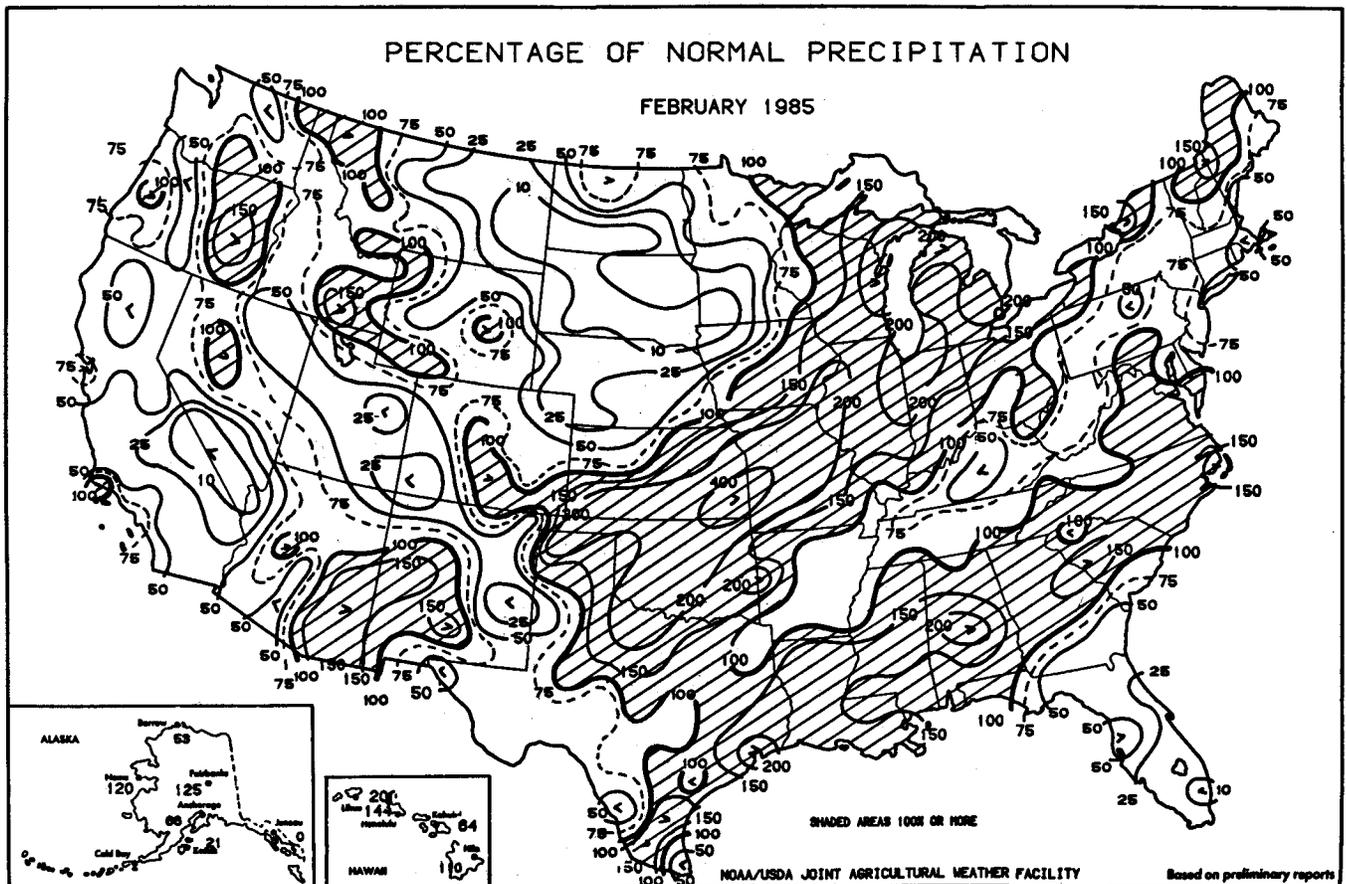
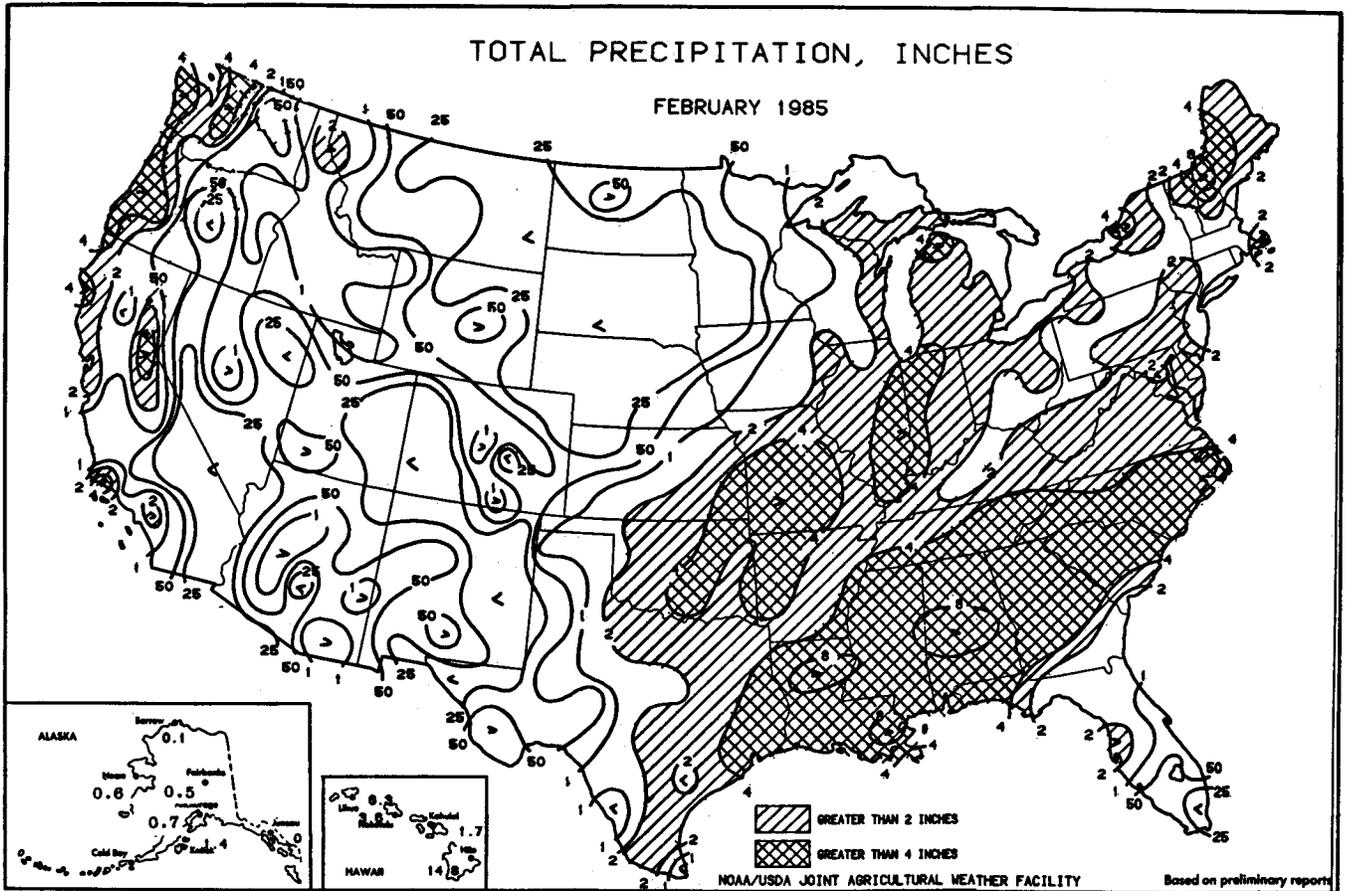
FOURTH WEEK... Flooding continued from snowmelt and previous heavy rain from Missouri to New York. Unusually warm weather covered most of the Nation. High temperatures rose into the fifties in the northern Plains. Springlike weather prevailed over the southern half of the Nation. However, another cold outbreak pushed into the northern Plains as the month ended and renewed the snow cover over the eastern slopes of the northern Rockies.

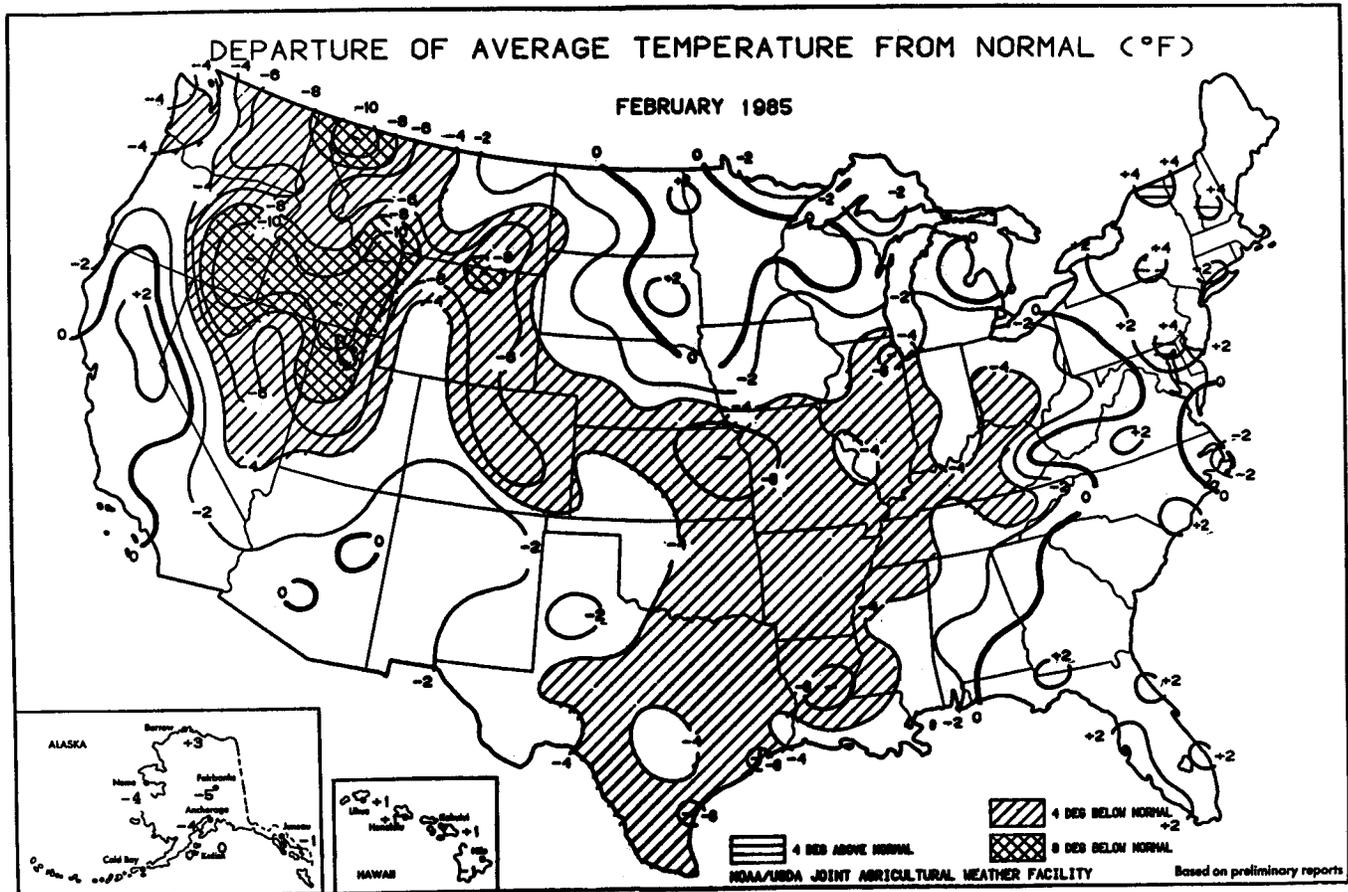
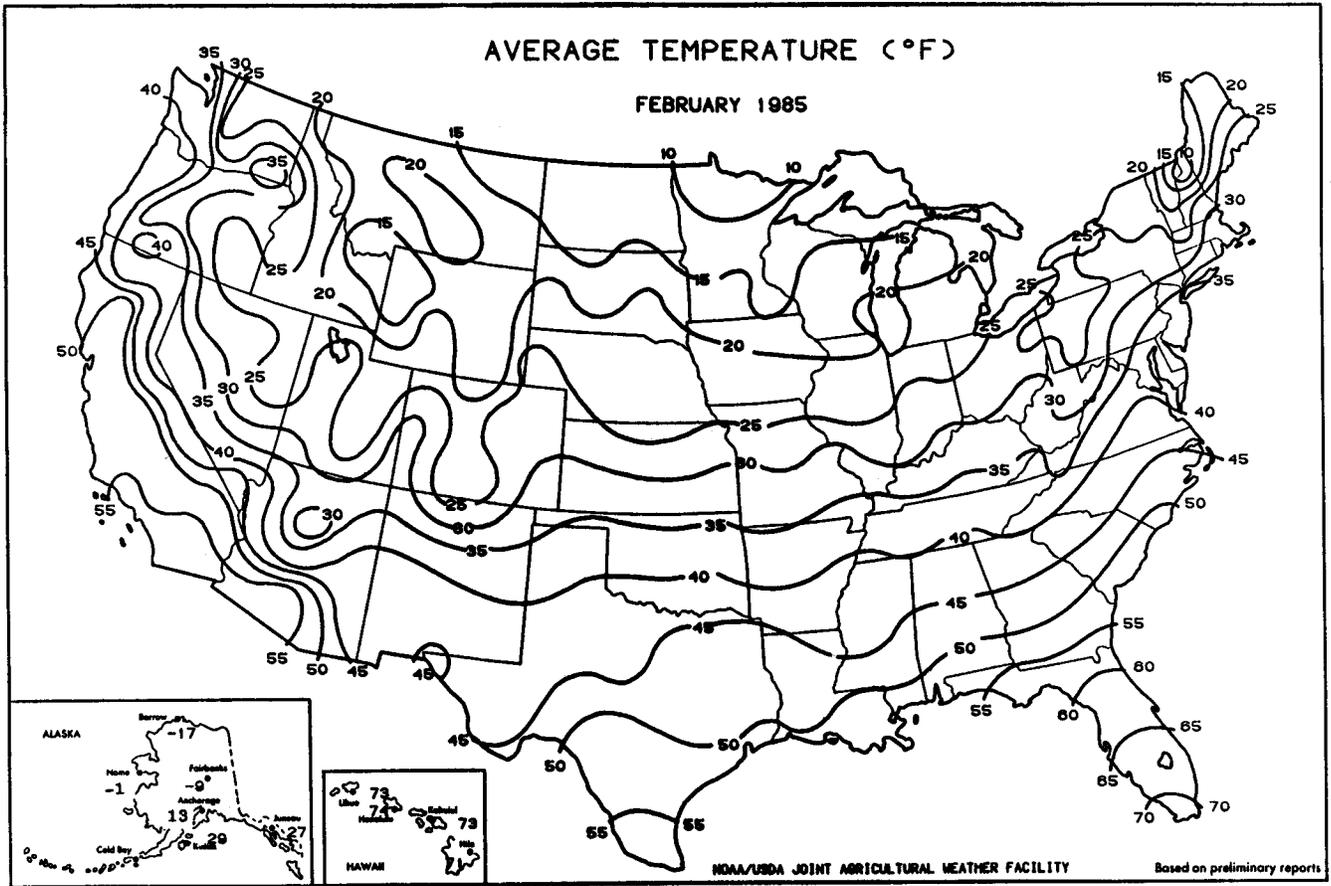
FEBRUARY FIELDWORK

Land preparation progressed rapidly for planting spring crops in California and Arizona. Wet weather and melting snow hampered field activity in most other areas of the Nation. Cold and wetness continually delayed early planting in the Southeast. However, corn planting did get underway later in the month in Florida, Georgia, Alabama, and Louisiana. Producers pruned and applied dormant-spray to orchards in the Northwest and the South. Florida's and Texas' vegetable growers spent much of February replanting vegetables that were frozen in January. Vegetable harvest was active in the Southwest. Salvage harvest continued in Florida.

WINTER WHEAT

Winter wheat was in mostly good condition during February except in Florida. Florida's wheat spent most of the month slowly recovering from the cold weather and the lack of moisture. Unusual warmth melted snow, leaving most of the wheat unprotected from cold temperatures during the second half of February. Warmer-than-normal temperatures kept damage to a minimum. By the end of February, wheat was greening as far North as the Corn Belt States. Wetness limited topdressing throughout most of the month in the Southeast. Kansas' wheat was good; moisture and warm temperatures promoted growth. Snow virtually vanished away from all wheat. Dryness in Florida continued to hold wheat back. Near the end of the month, Texas wheat responded to the milder temperatures and moisture. Greening and new growth prevailed from the High Plains to the Coastal Bend. Topdressing was completed in many areas. Despite poor snow cover during most of February, Northern and Central Plains wheat was good. Wind damage was light.





Temperature and Precipitation Data for February 1985

| States and Stations | Temperature °F | | Precipitation Inches | | States and Stations | Temperature °F | | Precipitation Inches | | States and Stations | Temperature °F | | Precipitation Inches | |
|---------------------|----------------|-----------|----------------------|-----------|---------------------|----------------|-----------|----------------------|-------------|---------------------|----------------|-----------|----------------------|-----------|
| | Average | Departure | Total | Departure | | Average | Departure | Total | Departure | | Average | Departure | Total | Departure |
| AL BIRMINGHAM | 43 | -3 | 5.4 | 0.7 | BATON ROUGE | 50 | -4 | 5.9 | 0.9 | COLUMBUS | 26 | -4 | 1.6 | -0.6 |
| MOBILE | 51 | -1 | 6.4 | 1.5 | LAKE CHARLES | 50 | -4 | 6.8 | 2.9 | DAYTON | 25 | -4 | 2.3 | 0.2 |
| MONTGOMERY | 49 | -1 | 9.0 | 4.5 | NEW ORLEANS | 52 | -2 | 9.3 | 4.1 | TOLEDO | 22 | -3 | 3.0 | 1.2 |
| AK ANCHORAGE | 13 | -5 | 0.7 | -0.2 | SHREVEPORT | 46 | -4 | 4.5 | 1.0 | YOUNGSTOWN | 24 | -2 | 1.3 | -0.9 |
| BARROW | -17 | -5 | 0.1 | -0.1 | ME CARIBOU | 16 | 3 | 2.8 | 0.7 | OK OKLAHOMA CITY | 37 | -4 | 3.7 | 2.4 |
| FAIRBANKS | -9 | -5 | 0.5 | 0.1 | PORTLAND | 26 | 3 | 1.6 | -2.0 | TULSA | 36 | -5 | 5.7 | 4.0 |
| JUNEAU | 27 | -1 | 0.0 | -3.6 | MD BALTIMORE | 39 | 4 | 3.0 | 0.0 | OR ASTORIA | 40 | -4 | 4.1 | -3.7 |
| KODIAK | 29 | 0 | 1.4 | -4.9 | MD SALLISBURY | 37 | 0 | 3.5 | 0.2 | BURNS | 23 | -11 | 0.5 | 0.2 |
| NOME | -1 | -4 | 0.6 | 0.1 | MA BOSTON | 33 | 2 | 1.9 | -1.8 | MEDFORD | 42 | 0 | 1.6 | -0.5 |
| AZ FLAGSTAFF | 29 | -2 | 1.7 | -0.3 | CHATHAM | 34 | 3 | 2.7 | -1.5 | PENDELTON | 33 | -7 | 1.4 | 0.3 |
| PHOENIX | 57 | 1 | 0.2 | -0.4 | MI ALPENA | 18 | 0 | 2.7 | 1.3 | PORTLAND | 41 | -2 | 1.8 | -2.2 |
| PRESCOTT | 38 | -1 | 1.5 | 0.0 | DETROIT | 23 | -3 | 3.9 | 2.2 | SALEM | 40 | -3 | 3.5 | -1.1 |
| TUCSON | 53 | -1 | 1.0 | 0.4 | FLINT | 23 | -3 | 3.0 | 1.5 | PA ALLENTOWN | 32 | 2 | 2.3 | -0.7 |
| WINSLOW | 39 | 1 | 0.5 | 0.0 | GRAND RAPIDS | 21 | -2 | 3.3 | 1.7 | HARRISBURG | 34 | 2 | 2.9 | 0.2 |
| YUMA | 59 | -1 | 0.2 | -0.1 | HOUGHTON LAKE | 18 | 0 | 2.1 | 0.8 | ERIE | 26 | 1 | 2.8 | 0.6 |
| AR FORT SMITH | 37 | -5 | 5.5 | 3.0 | LANSING | 20 | -3 | 3.0 | 1.4 | PHILADELPHIA | 35 | 2 | 2.5 | -0.4 |
| LITTLE ROCK | 38 | -6 | 3.3 | -0.4 | MARQUETTE | 12 | -3 | 2.9 | 1.0 | PITTSBURGH | 28 | -1 | 1.5 | -1.0 |
| CA BAKERSFIELD | 52 | -1 | 0.4 | -0.7 | MUSKOGON | 21 | -3 | 2.9 | 1.2 | SCRANTON | 30 | 3 | 1.6 | -0.5 |
| EUREKA | 48 | -1 | 3.7 | -1.5 | SAULT STE. MARI | 13 | -1 | 2.6 | 0.9 | RI PROVIDENCE | 32 | 3 | 1.6 | -2.2 |
| FRESNO | 51 | 1 | 0.7 | -1.2 | MN ALEXANDRIA | 12 | 0 | 0.2 | -0.5 | SC CHARLESTON | 50 | 1 | 2.5 | -0.9 |
| LOS ANGELES | 57 | 0 | 1.9 | -0.6 | DULUTH | 12 | 0 | 0.6 | -0.3 | COLUMBIA | 47 | 0 | 7.1 | 3.1 |
| RED BLUFF | 54 | 3 | 0.9 | -2.4 | INT'L FALLS | 5 | -3 | 0.7 | 0.0 | FLORENCE | 47 | 0 | 4.3 | 0.9 |
| SACRAMENTO | 51 | 1 | 1.5 | -1.4 | MINNEAPOLIS | 17 | -1 | 0.5 | -0.4 | GREENVILLE | 44 | 1 | 4.3 | -0.1 |
| SAN DIEGO | 57 | -1 | 0.8 | -0.7 | ROCHESTER | 15 | -2 | 0.6 | -0.1 | SD ABERDEEN | 16 | 0 | 0.1 | -0.5 |
| SAN FRANCISCO | 52 | 0 | 2.4 | -0.9 | ST CLOUD | 14 | 0 | 0.2 | -0.6 | HURON | 20 | 2 | 0.1 | -0.7 |
| CO DENVER | 28 | -6 | 0.6 | -0.1 | MS GREENWOOD | 44 | -3 | 4.1 | -0.4 | RAPID CITY | 24 | -2 | 0.1 | -0.6 |
| GRAND JUNCTION | 32 | -2 | 0.3 | -0.3 | JACKSON | 45 | -4 | 7.6 | 3.1 | SIoux FALLS | 20 | 1 | 0.1 | -0.9 |
| PUEBLO | 29 | -6 | 0.4 | 0.1 | MERIDIAN | 47 | -2 | 6.8 | 2.3 | TN CHATTANOOGA | 40 | -2 | 4.9 | 0.2 |
| CT BRIDGEPORT | 32 | 2 | 1.5 | -1.5 | MO COLUMBIA | 27 | -5 | 6.3 | 4.4 | KNOXVILLE | 37 | -5 | 4.2 | 0.0 |
| HARTFORD | 30 | 2 | 1.7 | -1.5 | KANSAS CITY | 25 | -7 | 2.7 | 1.5 | MEMPHIS | 40 | -4 | 3.9 | -0.4 |
| DC WASHINGTON | 38 | 0 | 3.0 | 0.4 | SAINT LOUIS | 30 | -3 | 3.8 | 1.6 | NASHVILLE | 36 | -4 | 3.3 | -0.7 |
| FL APALACHICOLA | 55 | 0 | 1.8 | -1.9 | SPRINGFIELD | 31 | -5 | 4.3 | 2.1 | ABILENE | 44 | -4 | 1.5 | 0.5 |
| DAYTONA BEACH | 61 | 2 | 1.5 | -2.0 | MT BILLINGS | 24 | -4 | 0.4 | -0.3 | AMARILLO | 37 | -3 | 0.8 | 0.2 |
| JACKSONVILLE | 56 | 1 | 1.5 | -2.0 | GLASGOW | 15 | -1 | 0.1 | -0.3 | AUSTIN | 50 | -3 | 2.1 | -0.4 |
| KEY WEST | 72 | 2 | 0.3 | -1.6 | GREAT FALLS | 22 | -5 | 0.2 | -0.5 | BEAUMONT | 53 | -2 | 6.8 | 3.1 |
| MIAMI | 68 | 1 | 0.1 | -2.0 | HAVRE | 15 | -4 | 0.2 | -0.2 | BROWNSVILLE | 59 | -4 | 0.5 | -1.0 |
| ORLANDO | 62 | 1 | 1.3 | -1.5 | HELENA | 19 | -7 | 0.4 | 0.0 | CORPUS CHRISTI | 54 | -6 | 2.9 | 1.3 |
| TALLAHASSEE | 56 | 2 | 1.5 | -3.5 | KALISPELL | 16 | -11 | 1.2 | 0.2 | DEL RIO | 51 | -5 | 0.5 | -0.4 |
| TAMPA | 63 | 3 | 2.1 | -1.0 | MILES CITY | 17 | -7 | T | -0.5 | EL PASO | 46 | -3 | 0.2 | -0.3 |
| WEST PALM BEACH | 67 | 2 | 0.5 | -2.1 | MISSOULA | 24 | -5 | 0.7 | -0.1 | FORT WORTH | 45 | -3 | 2.6 | 0.7 |
| GA ATLANTA | 44 | -1 | 5.0 | 0.6 | NE GRAND ISLAND | 24 | -3 | 0.3 | -0.5 | GALVESTON | 49 | -6 | 5.4 | 3.1 |
| AUGUSTA | 49 | 1 | 6.6 | 2.6 | LINCOLN | 23 | -4 | 0.5 | -0.5 | HOUSTON | 50 | -5 | 5.4 | 2.1 |
| MACON | 49 | 0 | 5.7 | 1.2 | NORFOLK | 23 | -1 | 0.1 | -0.7 | LUBBOCK | 42 | -1 | 0.3 | -0.3 |
| SAVANNAH | 53 | 1 | 1.4 | -1.8 | NORTH PLATTE | 23 | -4 | 0.1 | -0.4 | MIDLAND | 44 | -4 | 0.6 | 0.0 |
| HI HILO | 71 | 0 | 16.1 | 2.6 | OMAHA | 23 | -2 | 0.7 | -0.2 | SAN ANGELO | 46 | -4 | 0.4 | -0.5 |
| HONOLULU | 74 | 1 | 3.9 | 1.2 | SCOTT'S BLUFF | 26 | -4 | 0.2 | -0.2 | SAN ANTONIO | 51 | -4 | 1.9 | 0.1 |
| KAHULUI | 73 | 1 | 2.1 | -1.2 | VALENTINE | 22 | -2 | 0.1 | -0.5 | VICTORIA | 53 | -4 | 1.9 | -0.4 |
| LIHUE | 73 | 2 | 7.4 | 4.1 | NV ELY | 25 | -4 | 0.4 | -0.3 | WACO | 46 | -4 | 1.9 | -0.1 |
| ID BOISE | 26 | -10 | 0.5 | -0.6 | LAS VEGAS | 47 | -3 | T | -0.4 | WICHITA FALLS | 42 | -4 | 2.6 | 1.6 |
| LEWISTON | 33 | -6 | 0.7 | -0.2 | RENO | 37 | 0 | 0.7 | -0.3 | UT MILFORD | 25 | -7 | 0.5 | -0.2 |
| POCATELLO | 19 | -11 | 1.0 | 0.1 | WINNEMUCCA | 27 | -8 | 0.7 | 0.0 | BLANDING | 31 | -2 | 0.1 | -0.8 |
| IL CAIRO | 35 | -4 | 3.3 | -0.1 | NH CONCORD | 26 | 4 | 1.9 | -0.6 | CEDAR CITY | 31 | -3 | 0.7 | -0.1 |
| CHICAGO | 20 | -6 | 3.5 | 2.2 | NJ ATLANTIC CITY | 35 | 2 | 1.6 | -1.7 | SALT LAKE CITY | 25 | -9 | 0.9 | -0.5 |
| MOLINE | 22 | -3 | 2.8 | 1.5 | NM ALBUQUERQUE | 38 | -1 | 0.5 | 0.1 | MILFORD | 25 | -7 | 0.5 | -0.2 |
| PEORIA | 23 | -4 | 2.6 | 1.2 | CLOVIS | 39 | -2 | T | -0.5 | VT BURLINGTON | 23 | 5 | 1.2 | -0.5 |
| QUINCY | 25 | -4 | 3.6 | 2.1 | ROSWELL | 43 | -3 | T | -0.2 | VA NORFOLK | 40 | -1 | 3.5 | 0.2 |
| ROCKFORD | 19 | -4 | 1.9 | 0.7 | NY ALBANY | 27 | 3 | 1.2 | -1.1 | RICHMOND | 40 | 1 | 3.2 | 0.1 |
| SPRINGFIELD | 25 | -5 | 3.0 | 1.2 | BINGHAMTON | 26 | 4 | 1.3 | -1.0 | ROANOKE | 39 | 1 | 3.6 | 0.4 |
| IN EVANSVILLE | 30 | -5 | 4.2 | 1.2 | BUFFALO | 25 | 0 | 3.3 | 0.9 | WA COLVILLE | 24 | -7 | 1.9 | 0.5 |
| FORT WAYNE | 24 | -3 | 3.6 | 1.6 | NEW YORK | 35 | 2 | 1.8 | -1.3 | QUILLAYUTE | 39 | -2 | 6.7 | -5.4 |
| INDIANAPOLIS | 26 | -4 | 3.7 | 1.3 | ROCHESTER | 25 | 2 | 1.8 | -0.5 | SEATTLE-TACOMA | 39 | -4 | 2.6 | -1.6 |
| SOUTH BEND | 24 | -3 | 4.3 | 2.3 | SYRACUSE | 27 | 3 | 1.6 | -1.1 | SPOKANE | 25 | -7 | 0.9 | -0.7 |
| IA DES MOINES | 22 | -2 | 2.0 | 0.9 | NC ASHEVILLE | 38 | -1 | 4.7 | 1.1 | WALLA WALLA | 36 | -5 | 1.5 | 0.1 |
| DUBUQUE | 19 | 2 | 2.5 | 1.2 | CHARLOTTE | 43 | 0 | 4.1 | 0.3 | YAKIMA | 29 | -7 | 0.7 | -0.1 |
| SIoux CITY | 24 | 0 | 0.1 | -0.8 | GREENSBORO | 41 | 1 | 3.7 | 0.3 | WV BECKLEY | 32 | 0 | 2.0 | -1.2 |
| WATERLOO | 18 | -3 | 1.2 | 0.2 | HATTERAS | 45 | -2 | 6.3 | 2.2 | CHARLESTON | 34 | -2 | 2.3 | -0.8 |
| KS CONCORDIA | 25 | -6 | 0.9 | 0.0 | NEW BERN | 46 | 0 | 4.2 | 0.2 | HUNTINGTON | 32 | -4 | 2.9 | 0.1 |
| DODGE CITY | 32 | -3 | 1.3 | 0.7 | RALEIGH | 42 | 0 | 4.4 | 1.1 | PARKERSBURG | 31 | -2 | 1.8 | -1.3 |
| GOODLAND | 28 | -4 | 0.3 | -0.1 | WILMINGTON | 50 | 3 | 5.1 | 1.6 | WI GREEN BAY | 17 | -1 | 2.4 | 1.3 |
| TOPEKA | 26 | -7 | 2.0 | 1.0 | ND BISMARCK | 13 | -1 | T | -0.4 | LA CROSSE | 16 | -3 | 1.3 | 0.4 |
| WICHITA | 31 | -4 | 2.1 | 1.2 | FARGO | 11 | 0 | 0.2 | -0.2 | MADISON | 19 | -2 | 1.9 | 0.9 |
| KY BOWLING GREEN | 34 | -4 | 1.3 | -2.7 | GRAND FORKS | 11 | 2 | 0.3 | -0.2 | MILWAUKEE | 21 | -2 | 2.3 | 1.0 |
| JACKSON | 33 | 0 | 2.0 | -1.7 | WILLISTON | 13 | -2 | 0.2 | -0.3 | WAUSAU | 17 | 1 | 0.9 | -0.1 |
| LEXINGTON | 30 | -4 | 1.1 | -2.2 | OH AKRON-CANTON | 25 | -3 | 1.8 | -0.4 | CASPER | 20 | -7 | 0.6 | 0.0 |
| LOUISVILLE | 33 | -3 | 2.1 | -1.2 | CINCINNATI | 29 | -3 | 2.3 | -0.4 | CHEYENNE | 23 | -6 | 0.2 | -0.2 |
| PADUCAH | 32 | -5 | 3.7 | 0.3 | CLEVELAND | 25 | -3 | 2.5 | 0.3 | LANDER | 24 | -2 | 0.3 | -0.4 |
| LA ALEXANDRIA | 48 | -7 | 8.8 | 3.3 | | | | | SHERIDAN | 17 | -9 | 0.3 | -0.5 | |
| | | | | | | | | | PR SAN JUAN | 77 | 1 | 2.4 | 0.4 | |

Based on 1951-80 normals.

Heating Degree Days (Base 65° F.)

February 1985

| | | | | | |
|-------------------------|------|----------------------------|------|---------------------------|------|
| ALA. Birmingham . . . | 600 | MAINE, Caribou. . . | 1363 | OKLA. Okla. City . . | 773 |
| Mobile | 397 | Portland | 1076 | Tulsa | 809 |
| Montgomery | 436 | MD. Baltimore . . . | 731 | OREG. Astoria . . . | 686 |
| ALASKA, Anchorage . | 1406 | MASS. Boston . . . | 897 | Burns | 1170 |
| Barrow | 2306 | Chatham | 875 | Medford | 635 |
| Fairbanks | 2084 | MICH. Alpena | 1321 | Pendleton | 876 |
| Nome | 1815 | Detroit. | 1154 | Portland | 664 |
| ARIZ. Flagstaff . . . | 1005 | Flint | 1177 | Salem | 706 |
| Phoenix | 222 | Grand Rapids | 1216 | PA. Allentown | 914 |
| Tucson | 328 | Houghton Lake | 1313 | Erie | 1088 |
| Winslow | 726 | Lansing | 1247 | Harrisburg | 849 |
| Yuma | 181 | Marquette | 1486 | Philadelphia | 824 |
| ARK. Fort Smith . . . | 774 | S. Ste. Marie | 1453 | Pittsburgh | 1038 |
| Little Rock | 730 | MINN. Duluth | 1494 | Scranton | 981 |
| CALIF. Bakersfield. . | 362 | Internatl Falls | 1687 | R.I. Providence | 914 |
| Eureka | 489 | Minneapolis | 1355 | S.C. Charleston | 418 |
| Fresno | 378 | Rochester | 1404 | Columbia | 503 |
| Los Angeles | 243 | St. Cloud | 1431 | Greenville | 565 |
| Red Bluff | 323 | MISS. Jackson | 562 | S. DAK. Aberdeen | 1361 |
| Stockton | 408 | Meridian | 488 | Huron | 1250 |
| San Diego | 219 | MO. Columbia | 1043 | Rapid City | 1148 |
| San Francisco | 370 | Kansas City | 1102 | Sioux Falls | 1260 |
| COLO. Denver. | 1041 | St. Louis | 960 | TENN. Chattanooga | 687 |
| Grand Junction | 919 | Springfield | 949 | Knoxville | 776 |
| Pueblo | 999 | MONT. Billings | 1140 | Memphis | 683 |
| CONN. Bridgeport . . . | 908 | Glasgow | 1400 | Nashville | 794 |
| Hartford | 975 | Great Falls | 1212 | TEX. Abilene | 572 |
| D.C. Washington . . . | 757 | Havre | 1395 | Amarillo | 769 |
| FLA. Apalachicola . . | 279 | Helena | 1289 | Austin | 428 |
| Ft. Myers | - | Kalispell | 1387 | Beaumont | 342 |
| Jacksonville | 270 | Miles City | 1335 | Brownsville | 213 |
| Key West | 16 | Missoula | 1154 | Corpus Christi | 320 |
| Miami | 61 | NEBR. Grand Island. . . | 1147 | Del Rio | 367 |
| Orlando | 146 | Lincoln | 1186 | El Paso | 537 |
| W. Palm Beach | 85 | Norfolk | 1160 | Fort Worth | 558 |
| Tallahassee | 263 | North Platte | 1168 | Galveston | 412 |
| Tampa | 119 | Omaha | 1139 | Houston | 432 |
| GA. Atlanta | 576 | Valentine | 1210 | Lubbock | 639 |
| Augusta | 451 | NEV. Ely | 1129 | Midland | 571 |
| Macon | 448 | Las Vegas | 487 | San Angelo | 522 |
| Savannah | 360 | Reno | 781 | San Antonio | 405 |
| IDAHO, Boise | 1094 | Winnemucca | 1049 | Victoria | 358 |
| Lewiston | 901 | N.H. Concord | 1092 | Waco | 527 |
| Pocatello | 1302 | N.J. Atlantic City. . . . | 819 | Wichita Falls | 673 |
| ILL. Cairo | 846 | N. MEX. Albuquerque . . . | 744 | UTAH, Milford | 1109 |
| Chicago | 1245 | N.Y. Albany | 1062 | Salt Lake City | 1097 |
| Moline | 1203 | Binghamton | 1083 | VT. Burlington | 1185 |
| Peoria | 1164 | Buffalo | 1120 | VA. Lynchburg | 716 |
| Rockford | 1277 | New York | 820 | Norfolk | 686 |
| Springfield. | 1116 | Rochester | 1097 | Richmond | 692 |
| IND. Evansville | 985 | Syracuse | 1048 | Roanoke | 735 |
| Fort Wayne | 1145 | N.C. Asheville | 737 | WASH. Colville | - |
| Indianapolis | 1082 | Charlotte | 607 | Quillayute | 712 |
| South Bend | 1153 | Greensboro | 679 | Seattle-Tacoma | 719 |
| IOWA, Des Moines . . . | 1192 | Hatteras | 542 | Spokane | 1117 |
| Dubuque | 1275 | Raleigh | 644 | Walla Walla | 807 |
| Soux City | 1149 | Wilmington | 420 | Yakima | 1002 |
| KANS. Concordia | 1123 | N. DAK. Bismarck | 1450 | W. VA. Beckley | 929 |
| Dodge City | 907 | Fargo | 1514 | Charleston | 860 |
| Goodland | 1026 | Williston | 1446 | Huntington | 918 |
| Topeka | 1098 | OHIO. Akron-Canton. . . . | 1119 | WIS. Green Bay | 1324 |
| Wichita | 938 | Cincinnati | 992 | Madison | 1287 |
| KY. Lexington | 959 | Cleveland | 1110 | Milwaukee | 1215 |
| Louisville | 896 | Columbus | 1086 | WYO. Casper | 1264 |
| LA. Baton Rouge | 413 | Dayton | 1104 | Cheyenne | 1163 |
| Lake Charles | 432 | Toledo | 1182 | Lander | 1132 |
| New Orleans | 359 | Youngstown | 1138 | Sheridan | 1353 |
| Shreveport | 528 | | | | |

Based on 1951-80 normals.

National Agricultural Summary

February 25 to March 3, 1985

HIGHLIGHTS: Precipitation continued delaying fieldwork in the Southeast. Warmer-than-normal temperatures continued melting snow, leaving more of the Nation's wheat unprotected from the cold. However, conditions were ideal and promoted growth. Farmers had up to 3 days suitable for fieldwork in the Southeast. Virtually the entire week was suitable for fieldwork in the Southwest. Farmers were awaiting drier fields in the Central Plains and Corn Belt States. Soil moisture was adequate to surplus in most areas, but portions of Florida and small pockets of the Southwestern States were irrigated.

Winter wheat was mostly fair to good. Abnormal warmth and moisture continued improving wheat in most areas. Corn planting moved westward in the South to Georgia, Alabama, and Louisiana. Wet fields delayed the start of corn and sorghum planting in Texas. Cotton planting got underway in Arizona's Yuma County on a limited scale. Tobacco growers continued preparing and planting seedbeds in the Carolinas and in Virginia. Transplanting is not expected to start until mid-March. Pastures were in fair to poor condition, but were improving. Livestock were in mostly fair to good condition.

SMALL GRAINS: Wheat was mostly good to fair. Unusually warm temperatures continued melting snow, leaving more wheat unprotected from the cold temperatures. The unseasonably warm weather was ideal and promoted growth. Signs of green-up moved further north into the Corn Belt States. Spring oats and barley seeding got underway in the Central Plain States. Topdressing of small grains and wheat was active, except for the Nation's most frigid areas.

Kansas wheat was in good condition; although some greened-up, most was dormant. Wind and insect damage was light, disease problems were nonexistent. Excellent growing conditions the past two weeks improved the wheat outlook in Oklahoma. Warm weather and moisture enhanced development statewide. Nebraska wheat was mostly good; growth was more widespread than during the previous week. Texas wheat virtually reversed the affects of January's cold weather. Wheat was growing well, with sufficient moisture and warm temperatures. The Texas crop was good to fair. Other small grains also improved. Wheat in the South was fair to good. Nitrogen applications, along with ideal weather, continued boosting growth.

OTHER CROPS: Corn planting was underway across the South from Louisiana to Florida. Wet ground delayed corn and sorghum planting in Texas. Corn planting was well advanced in Georgia's southeast

and southwest; planting had just begun in the central areas. Insufficient soil moisture slowed corn planting in Florida. Florida's sugarcane harvest was well advanced. Tobacco seed-bed preparation and seeding was active in North Carolina and Virginia, and neared completion in South Carolina. Georgia tobacco plants were fair to good.

FRUIT AND NUTS: Producers in the western and southern States prepared for the uncoming season by pruning and spraying. Peach trees approached the pink-bud stage in eastern Texas. Florida citrus groves were dry. Farmers continued to irrigate, but rain is badly needed. Early-mid orange harvest was almost completed. Temple harvest continued.

California's citrus harvest continued. Rind breakdown in Navel oranges became more frequent. Stone fruit and almond growers applied fungicides to prevent brown rot. Almond pollination neared completion. Grape growers pruned and removed brush. Sap began flowing in grape vines. Growers moved bees into plum orchards for pollination.

VEGETABLES: Florida growers continued replanting earlier frozen vegetables. Vegetable shipments continued declining, but only by 3 percent from the previous week; carrots, sweet corn, eggplants, escaroles, and tomatoes showed the greatest decline. Vegetables increasing in movement were: Snap beans, Chinese cabbage, lettuce, potatoes, and strawberries.

Land preparation for spring vegetables in Texas continued where possible. Planting of sweet corn and peas got underway. Milder weather increased quality and quantity of San Antonio-Winter Garden vegetables. Planting watermelons continued in the High Plains. Rio Grande Valley carrot, cabbage, and broccoli harvests continued, but wet fields slowed the pace. Onions made good progress, harvest is expected to begin soon.

Arizona's vegetable harvest was very active. Boston lettuce packing continued and moderate volumes were shipped. Harvest of greens and carrots reached peak in the Salt River Valley. Broccoli and green onions moved in heavy volumes. Lettuce harvest was active in most areas.

PASTURES AND LIVESTOCK: Pastures in the South improved to mostly fair to poor. Grazing of small grains helped ease supplemental feeding. Supplemental feeding still remained heavy in some areas. Livestock were fair to good. Calving and lambing continued active.

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by SRS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Temperatures averaged 50° above normal over most of State, up to 100° above normal in southeast. Rainfall under 0.50 in. north, 1.00 to 3.00 in. elsewhere.

Activities: Machinery maintenance, caring for livestock and poultry, pruning and spraying fruit trees, nitrogen application to wheat, land preparation, soil sampling, liming and fertilizing pastures, and planting of early corn and Irish potatoes. Conditions: Wheat fair, livestock mostly fair, pasture feed mostly short.

ARIZONA: Temperatures above normal with sunny to partly cloudy skies. Strong late winter storm brought much colder air to State over weekend. Precipitation light except for 0.02 to 0.05 in. over Mogollon Rim, White Mountains, extreme southeast. Average temperatures ranged from 10° above normal Prescott, Douglas, Parker to 50° above Phoenix, Winslow.

Warm weather February stimulated growth of range, pasture grasses. Cattle, sheep good to very good condition. Stock water, range feed adequate. Growth of mountain grasses above 2,000 feet slowed by cool temperatures. Cotton seedbed preparation active, 25 to 30% complete. Few fields planted in Yuma County. Growers busy with irrigation, per-plant herbicide application. Alfalfa good condition. Some hay baled western counties; harvest in Central Valley limited to clippings put up as green chop. Pasturing of sheep continued. Wheat, barley good condition, over 50% jointing. Corn, sorghum growers started pre-plant irrigation, land preparation. Safflower planting completed. Iceberg lettuce packing continued at peak in Yuma area. Heavy movement expected for 1 to 2 more weeks, then taper off. Packing underway in Parker area, will accelerate by March 8th. Lettuce cutting started Salt River Valley, most going to local markets. Romaine, leaf lettuce, broccoli, cauliflower packing continued Yuma, moderate to heavy volumes. Harvest of greens, carrots reached peak Salt River Valley. Broccoli, green onions moving in heavy volumes. Romaine, leaf, Boston lettuce packing continued; moderate volumes shipped. Citrus harvest light with grapefruit, lemons, Valencia packed. Movement limited by slow market.

ARKANSAS: Slightly above normal temperatures, light rainfall. Temperatures averaged normal to 50° above normal. Lowest 22°, highest 77°. Precipitation from 0.07 in. to 0.57 in.

Soil moisture surplus. Very little land preparation. Wheat in good condition, growth fair. Winter pastures progressing normally to good. Livestock condition good.

CALIFORNIA: Above normal temperatures, little precipitation rule for week. Precipitation restricted to some light amounts along north, central coasts. Only a couple of locations recorded temperature averages below normal. Temperatures throughout State ranged from a high of 84° in Thermal to a low of 15° registered in Alturas. Strong area of warm high pressure moved from area bringing a return of winter-type weather with cooler temperatures and increased storm activity.

Warm temperatures promoted wheat, oats, barley growth. Aphid treatment, planting sugarbeet. Preparation corn planting continued. Alfalfa irrigated. Rice stubble burning, planting preparation. Fieldwork accelerated due to warm temperatures. Grape growers pruned, cleaned up brush. Sap flowing in some grape vines. Plum growers moved bees into some orchard to ensure pollination. Stone fruit, almond growers applied fungicides to prevent brown rot. Almond pollination neared completion under ideal conditions. Citrus harvest continued. Rind breakdown in Navel oranges more frequent. New shoot growth showing on kiwifruit vines. Aritichokes fairly light supply, quality improving. Asparagus harvest increasing. Broccoli harvest active central coast, decreasing desert. Carrot harvest active desert, complete Salinas Valley. Cauliflower light supply central coast, decreasing desert. Celery harvest active south coast. Lettuce harvest started decline Imperial Valley, increasing Palo Verde Valley. Potato movement active Tulalake-Butte Valley. Strawberry

harvest active south coast. Fumigation sweet potato fields underway. Planting market tomatoes San Joaquin Valley. Planting processing tomatoes well along central San Joaquin Valley; increasing northern San Joaquin Valley, Sacramento Valley. Range grass condition poor many areas with some browning. Rains needed continued grass growth. Calving, lambing continue northern districts. Stock water supplies adequate.

COLORADO: New snow 1 to 3 in. on 25th, 26th in eastern foothills and western valleys; up to 6 in. of new snow in mountains. No significant snowfall recorded again until 2nd, 3rd when a fairly strong storm dropped 0.30 to 0.50 in. of moisture over much of lower elevations. Mountains reported 6 in. to 1 foot of new snow. Temperatures averaged within a couple degrees of normal at most locations.

Farm activities increasing with each warm day, little fieldwork now being done. Calving, lambing active in most areas.

FLORIDA: Showers brought rainfall amounts of mostly 0.01 to 0.33 in. north along with a weak cold front at midweek; otherwise little relief from very dry conditions as sunshine, clear skies continued under high pressure.

Soil moisture extremely short most areas. Land preparation continued active. Corn planting underway but slow because of insufficient soil moisture. Tobacco land prepared, planting to begin mid-March. Topdressing small grains continued. Sugarcane harvest well advanced. Topsoil moisture shortages continued to severely limit forage growth over most of State. Most permanent pastures extremely short, but greening. Grazing generally poor to fair statewide. Cattle, calves primarily fair condition; some herds with low feeding levels in poor flesh. Citrus groves dry, rain needed, much irrigating. New growth bloom buds popping out. Early-midseason harvest almost over. Grapefruit movement active. Movement of Temples continued. Warm days, mild

nights prevailed vegetable areas. Rainfall very light. Irrigation very active all areas. Winds mostly light. Rail, truck shipments during week declined 3%. Crops showing greatest decline in shipments: Carrots, sweet corn, eggplant, escarole, tomatoes. Crops increasing in movement: Snap beans, Chinese cabbage, lettuce, potatoes, strawberries. Steady supplies continued for green peppers, radishes, squash. Good volume of strawberries expected next several weeks. Supplies expected to gain for snap beans, squash, cucumbers. Sweet corn harvest should increase slightly next several weeks to good volume by early April.

GEORGIA: Temperatures averaged 3 to 10° warmer than normal. Extremes: 22° at Blairsville on 28th, 25° at Bainbridge on 26th. Rainfall totals mostly 0.50 to 1.50 in.

Soil moisture adequate to surplus north, adequate central, mostly short to adequate south. Main activities: Land preparation; topdressing small grains. Corn planting well along southeast, accelerating southwest; just underway central. Bedded tobacco plants fair to good condition. No transplanting yet. Small grains poor to fair north, mostly fair to good elsewhere. Pastures poor to fair. Cattle fair, hogs good.

HAWAII: Wet, windy weather enveloped State during week hampering farm activities and slowing crop progress. Nearly all areas of State received some rainfall during week with some sections recording over 7.00 in. in a 24-hour period. State experienced strong trade winds of 15 to 35 mph with occasional gusts exceeding 50 mph in exposed areas.

Deluge proved beneficial to many crops not subject to irrigation, and to farmers in Waimea district of Hawaii Island. Who had water use restrictions lifted late in week. Strong winds caused only light damage to crops, made irrigation and spraying difficult. Supplies of Head cabbage and Head lettuce will remain relatively steady. Chinese cabbage production will be heavy, part of crop exported. Banana and papaya supplies will continue light.

IDAHO: High pressure continued to dominate State's weather early in week with very little precipitation, slightly below normal temperatures. Weak system moved across State on 1st bringing light amounts of precipitation, considerable cooling. Temperatures ranged from near to slightly above normal in north, 3 to 15° below normal in southeast.

Livestock care and maintenance, minimal farm activity across State. Snow cover most areas gradually dissipating. Calving, lambing continued with early lambing drawing to a close most areas. Calf pneumonia, scours reported in some areas. Livestock condition good. Adequate feed supplies, hay storage in northern-most counties.

ILLINOIS: Mean temperatures 2 to 7° above normal. General rainfall throughout week, amounts 0.02 to 5.08 in. Heaviest northern third, lightest amount southern third.

INDIANA: Temperatures 2 to 5° above normal. High 66°, low 18°. Rainfall totals 1.35 in. north to 0.05 in. south.

Flooding and thawing turned fields to mud. Activities mostly confined to indoors; completing taxes, making plans, shop work, caring for livestock, usual chores.

IOWA: Mild, dry week; late weekend precipitation began. Temperatures averaged

about 10° above normal. High temperature 61° at Sioux City 28th.

Direct trading of slaughter cattle slow this week. Best demand continued on a dressed basis as most cattle carrying various amounts of mud. Other farm activities limited to caring for livestock, planning for 1985 growing season, obtaining financing for 1985 operating expenses.

KANSAS: Precipitation averaged 0.10 in. northwestern quarter, 0.25 to 0.50 in. elsewhere. Local rains southeast on 3rd over 3.00 in. Temperatures averaged 43° northwest, north central; 47° southeast, south central; 7 to 10° above normal.

Soil moisture adequate to surplus. Wheat good condition. Most fields still dormant. Rapid growth expected with spring temperatures. Farmers ready to topdress with fertilizer, start weed control when fields dry. Wind, insect damage light; little or no disease. Planting oats, barley underway. Lambing tapering off, no unusual losses. Spring calving nearing peak activity. Ranges, pastures good conditions but short.

KENTUCKY: Dry weather prevailed during week. Rain amounts 0.25 in. or less, 0.75 below normal. Temperatures averaged a few degrees above normal with afternoon lows in 30's and highs mostly in 50's. Colder air midweek with low readings in upper teens to mid 20's. Milder weather at week's end, temperatures in 60's. Still to wet for any major field activity. Some fertilization of small grains during week.

LOUISIANA: Precipitation amounts ranged from 1.43 to 6.59 in. Average temperatures ranged from normal to 5° above normal. Low 36°; high 78°.

Activities: Spring plowing, fertilization, planting spring vegetables. Spring plowing 7% 1985, 10% 1984, 17% average. Corn planted 0% 1985, 2% 1984, 3% average. Winter wheat, sugarcane, pastures, and livestock in fair condition. Vegetables in poor to fair condition.

MARYLAND AND DELAWARE: Maryland: Week unseasonably warm with light precipitation. Temperatures averaged 12 to 15° above normal. High temperatures in mid to upper 70's. Low temperatures mid teens to mid 20's. Precipitation averaged 0.18 in. as light showers, heaviest amounts on lower shore.

Farmers continued to strip tobacco for auction, helped ewes with their lambs, liming.

DELAWARE: Weather for State warm, very light showers. Temperatures averaged 15° above normal. High temperatures mid to upper 70's lows mid 20's. Precipitation averaged 0.06 in., ranging from a trace in north to 0.11 in. south.

Farmers liming some fields, wrapped up book-keeping chores.

MICHIGAN: Warm temperatures prevailed across the State. Temperatures averaged 8° above normal. Widespread flooding over southern half of lower Peninsula.

Warm weather reduced snow cover southern areas. Farm activities hampered by muddy conditions. Livestock in good condition. Calving, lambing continued at normal pace.

MINNESOTA: No report available.

MISSISSIPPI: Temperatures averaged 4 to 5° above normal. Extremes: 23°, 79°. Greatest 24-hour rainfall 2.44 in. at Bay St. Louis.

Soil moisture surplus with only 0.9 days suitable for fieldwork. Corn planting began, held up by wet conditions; less than 1% of crop

planted. Winter wheat 7% jointing, same as last year; in fair condition. Hay, feed grain supplies short to adequate. Pasture in fair to poor condition. Livestock in fair condition.

MISSOURI: Temperature average 5° above normal. Rainfall between 0.25 in. to 1.25 in. Bootheel area. Some rivers expected to go over banks early this week.

Topsoil moisture supply 88% surplus, 12% adequate. Wheat condition 1% excellent, 19% good, 69% fair, and 11% poor. Supply hay, roughage 20% surplus, 71% adequate, 9% short. Cattle losses 26% moderate, 74% normal. Hog losses 22% moderate, 78% normal for February. General condition of livestock rated 42% good, 58% fair.

MONTANA: Winter storm left 1 to 2 feet of snow portions of central, south central, southeast end of week. Lesser amounts over West, southwest. Little or no precipitation over most of North Central, all of Northeast.

Temperatures very mild most of week. Turned colder end of week. Temperatures averaged 2 to 14° above normal.

Winter wheat mostly fair. Snow cover mostly poor. Wind damage mostly light. Winter feed grain supplies adequate. Hay, roughage feed supplies short to adequate. Calving about 25% complete. Lambing about 20% complete. Stockwater supply short to adequate.

NEBRASKA: Mild week, temperatures ranging from 3° above normal west to 12° above normal east. Precipitation end of week. Amounts varied from 0.25 to 0.50 in.

Winter wheat condition rated 14% fair, 86% good. Wheat began showing signs of green-up.

NEVADA: High pressure system produced sunny skies, above normal temperatures. Strong low pressure system late in week dropped temperatures 15 to 25°, leaving averages for entire week only slightly above normal. Rain recorded valley floor, snow at higher elevations. Fieldwork gaining momentum extreme south.

Mild, sunny weather early pushed growth winter grains. Warmer weather favorable for newborn calves, lambs.

NEW ENGLAND: Heavy precipitation in northern Maine start of period, dry elsewhere. Precipitation ranged from an average of 1.00 in. in northern Maine, northern New Hampshire to 0.25 in. or less in central, southern sections. Temperatures well above normal in southern areas. Northern section temperatures averaged only a little above normal.

Farm activities: Tapping of Maple Trees, some early sap runs with warm daytime temperatures in southern regions.

NEW JERSEY: Temperatures above normal, averaging 37° north, 41° south and 43° coastal. Extremes: 10°, 67°. Precipitation below normal, averaging 0.05 in. north, 0.23 in. south, 0.52 in. coastal. Heaviest 24-hour total 0.60 in. on 1st to 2nd.

Fieldwork: Farm activities include attending annual meetings, preparing for spring planting, fieldwork, tending livestock. Soil moisture adequate. Small grain in good condition.

NEW MEXICO: Average temperatures 2 to 10° above normal. Minimum temperatures: 6° Central Valley, Highlands. Maximum

temperature: 80° southeastern Plains. Winter storm crossed State on 3rd bringing cold winds. Precipitation for week generally less than 0.25

in.

Soil moisture short to adequate, mostly adequate. Barley good to excellent - grazing continued at 60%. Irrigated, dryland wheat good to excellent - grazing continued at 60%. Lettuce, onions good - seeding completed, transplanting continued. Cattle, sheep fair to good - some supplemental feeding. Range fair to good.

NEW YORK: Week began with record breaking temperatures on 24th, continued unseasonably warm. Temperatures for week averaged more than 10° above normal. Few cold mornings at midweek, sub-zero temperatures in Adirondacks. Precipitation quite light, just a few exceptions. Rainfall fairly heavy in St. Lawrence Valley, near normal in far western areas, remainder of State had less than 0.10 in. of precipitation.

Farm activities included tending livestock, routine farm chores. Feed, hay supplies remained adequate, hay not best quality.

NORTH CAROLINA: Temperatures averaged 6 to 10° above normal across State. Precipitation ranged from 0.07 in. to 1.34 in. across State.

Soil moisture: 85% adequate, 15% surplus. Days suitable for fieldwork: 3.8. Condition: Pasture 18% poor, 47% fair, 35% good. Wheat 4% poor, 39% fair, 55% good, 2% excellent. Oats 10% poor, 44% fair, 46% good. Barley 8% poor 49% fair, 43% good. Farm feed supplies: Hay and roughage 98% adequate, 2% surplus. Feed grains 2% short, 98% adequate. Major farm activities: Tobacco plant bed seeding, spring planting preparation, topdressing small grains, general farm maintenance, equipment repair, tending livestock, applying herbicides and fertilizer.

NORTH DAKOTA: Arctic cold front moved through State early week. By midweek mild temperatures had returned. Late in week major winter storm developed over Rockies, first affecting southwest corner of State. Temperature extremes ranged from 3° below zero in north central district to 39° above in south central district.

Blizzard conditions for southeastern part of State shut down most operations for nearly two days. Additional snowfall should be beneficial to fall seeded crops, but will hamper calving and lambing operations. Snow cover over remainder of State highly varied due to warm temperatures early in week. Small grain survival a concern in areas with little snow cover. Calving, lambing in full swing. Feed supplies adequate and accessible most areas.

OHIO: Daily high temperatures average ranged near 40's to low 50's; lows ranged near 20's to low 30's. Extremes: Upper teens to near 60°. Soil temperatures 30's to around 40° at the four in. depth. Precipitation 0.50 to 0.60 in. northwest, elsewhere less than 0.25 in.

Winter wheat began greening in southern areas. Spreading fertilizer.

OKLAHOMA: Temperatures averaged 10° above normal central, southwest, south central; 5° above normal Panhandle. Precipitation ranged zero Panhandle, north central; 0.60 in. southeast.

Excellent growing conditions during past two weeks improved wheat outlook. Recent warm weather, plentiful rainfall enhanced development statewide. Insect activity light, no control measures warranted. Supplemental feeding remained heavy. Cattle marketing average, lower prices reported. Recent outbreak of pseudorabies

causing considerable headache to swine producers. Wheat, cattle good to fair. Pastures fair to poor condition.

OREGON: Mostly dry week. Only precipitation less than 0.20 in. along coast, less than 0.10 in. in Willamette Valley and northeast areas. Temperatures 3° above normal west of Cascades, 3° below average in eastern areas. Cold kept up to 11 in. of snow on ground in northeast.

Soil moisture adequate most areas. Much of east remained snow covered, frozen; little field activity. Some grain seeding continued in Willamette Valley. Dormant spraying on orchards and fieldwork in preparation for vegetable planting due to drier than normal conditions. Hermiston-Boardman area growers set to begin potato seeding. Livestock remained in mostly good condition. Calving began in eastern high country, minimal stress.

PENNSYLVANIA: Couple of weak cold fronts passed across State during week but rainfall amounts were mostly light. Western State received around 0.50 in. or less, elsewhere amounts were around 0.10 in. or less. Week began with very mild temperatures by 28th and 1st they returned to near normal levels. Milder temperatures returned for weekend. Average temperatures statewide was 39°, 9° below normal. Average precipitation statewide was 0.09 in., 0.65 in. below normal.

Farming activities: Caring for livestock, hauling manure, tapping trees, and routine winter chores.

PUERTO RICO: Island average rainfall 1.61 in., 1.07 in. above normal. Highest weekly total 5.74 in. Highest 24-hour total 2.47 in.. Temperature averaged about 75 to 73° on coast, 71 to 69° interior divisions. Mean station temperature ranged from 77 to 61°. Extremes: 53° and 90°. Total rainfall 1.95 in., plus 1.46 in.

SOUTH CAROLINA: Rainfall past week heavier upstate than elsewhere. Rainfall totaled 1.00 to 1.50 in. in extremes north western part of State to very little near coast. Precipitation mainly early in week, none thereafter. Abnormal warm spell late in February continued into March.

Extreme cold temperatures in January damaged 1985 peach crop. Early varieties most seriously damaged in Piedmont area; lesser damage in ridge, Coastal Plain areas. Farmers applied nitrogen to small grains along with routine chores, pruning fruit trees, supplemental livestock feeding, repairing farm machinery, planning farm activities for the coming months. Tobacco plant beds virtually all seeded, generally good condition.

SOUTH DAKOTA: Average temperatures ranged from 5° to 16° above normal. Extremes: 6°, 64°. Precipitation very light during first of week. Major snowstorm end of week left up to 30 in. of snow over State.

Major agricultural activities include caring for livestock, attending farm meetings.

TENNESSEE: Weak cold front moved through State midweek. Rainfall generally below normal, light. Amounts in excess of 0.50 in. fell in east. Temperatures averaged 3° to 7° above normal, ranged from mid 40's to lower 50's.

Main farm activities included general farm chores. Supplemental feeding of livestock continued.

TEXAS: High pressure dominated State weather first part of week. Slow moving cold front upper low produced widespread rain southern part State midweek. Weekend cold front eastward across State. Thunderstorms, some very heavy developed along front, tornado watch north central area. Temperatures above normal. Precipitation south central, southeast, Coastal Bend above normal. Remainder State near normal.

Crops: Small grains continue benefit from warmer temperatures additional moisture. Wheat fields Plains showing good growth. Weeds continued to increase, field too wet for producers to treat. Oats Blacklands recovering from cold temperatures, many fields fair growth. Wheat moderate to rapid growth with additional moisture. Greenbug populations declined. Wheat fields central, south Texas improved following topdressing. Oats greening-up; few fields lost because prolonged cold weather. Early wheat doing best, later fields began responding. Statewide conditions 80% of normal, compared with 61% a year ago. Conditions: Small grains 10% excellent, 55% good, 32% fair, 3% poor, wet weather delayed corn, grain sorghum planting coast, Rio Grande Valley. Land preparation spring planting started statewide, where soil conditions permit. Many areas Blacklands, east getting into critical time for planting. Continued weather delays could cause problems later on. Plains pre-watering started where possible. Good soil moisture for planting exists most areas.

Commercial Vegetables: Rio Grande Valley harvest carrots, cabbage, broccoli continued; slow pace, wet field. Land preparations spring vegetables continue where possible. Onions making good progress, harvest nearing. San Antonio-Winter Garden milder weather increased quantity, quality vegetables. Volumes should increase good weather continues. Planting watermelons continued. High Plains, land preparation onions continued. Knox-Haskell area planting onions, potatoes continued. East land preparation slowed by wet conditions. Some planting sweet corn, peas, potatoes underway. Peach trees approaching pink-bud stage east. Warmer temperatures promoted excellent progress.

Range and Livestock: Range conditions continued improving; warmer temperatures, additional moisture. Wheat pastures Plains good growth, providing good grazing. Weeds problem many fields. Most pastures remainder State responding more favorable conditions. Many cattle taken off wheat fields Blackland. Lambing active Plains. Shearing continued Edwards Plateau.

UTAH: Only 18 to 47 reporting stations received measurable precipitation, amounts light. Temperatures averaged 6° below normal in northern half of State, 1° below normal in southern half.

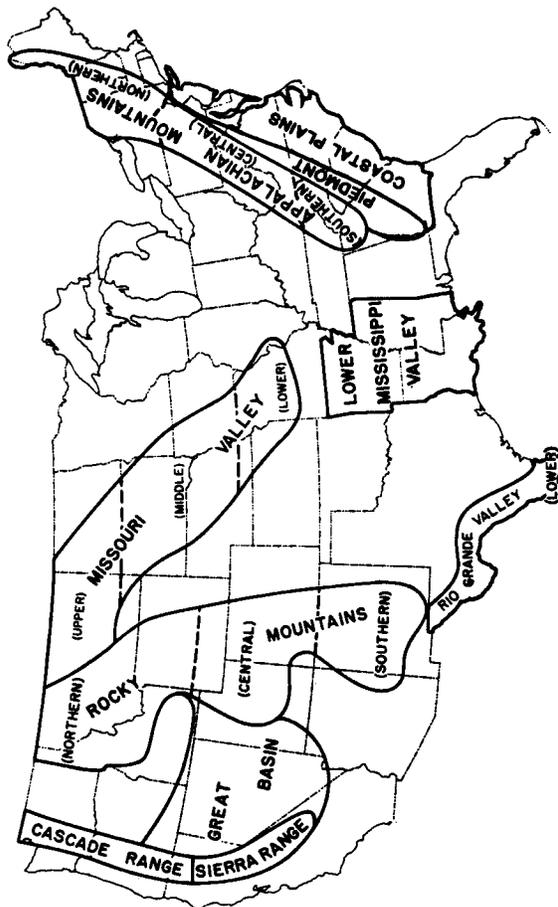
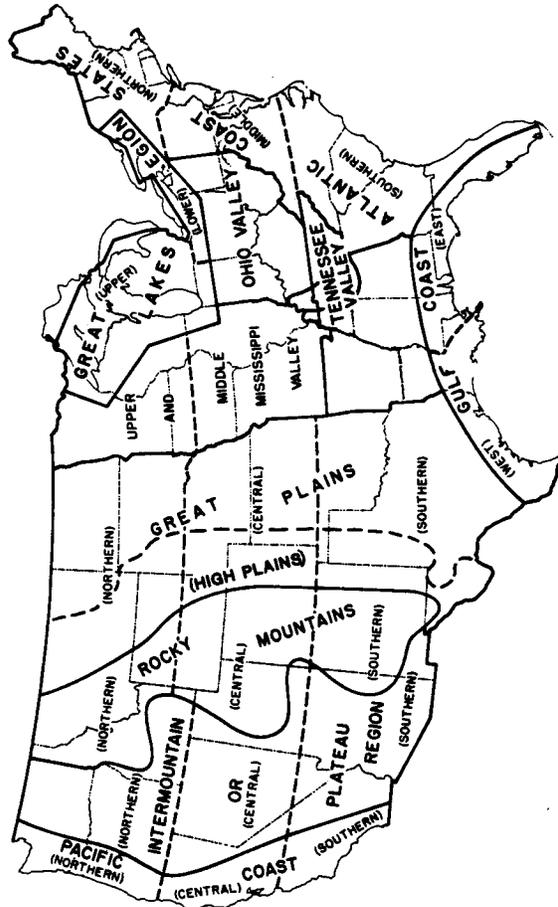
Snow covers most areas of State. Livestock feed supplies good. Sorting and shipping of potatoes, onions continued.

VIRGINIA: Sunny, and warm; temperatures 10 to 17° above normal. Highs reached upper 70's to low 80's most areas. Precipitation light, 0.50 in. or less in most areas. Most rain in southeast part of State.

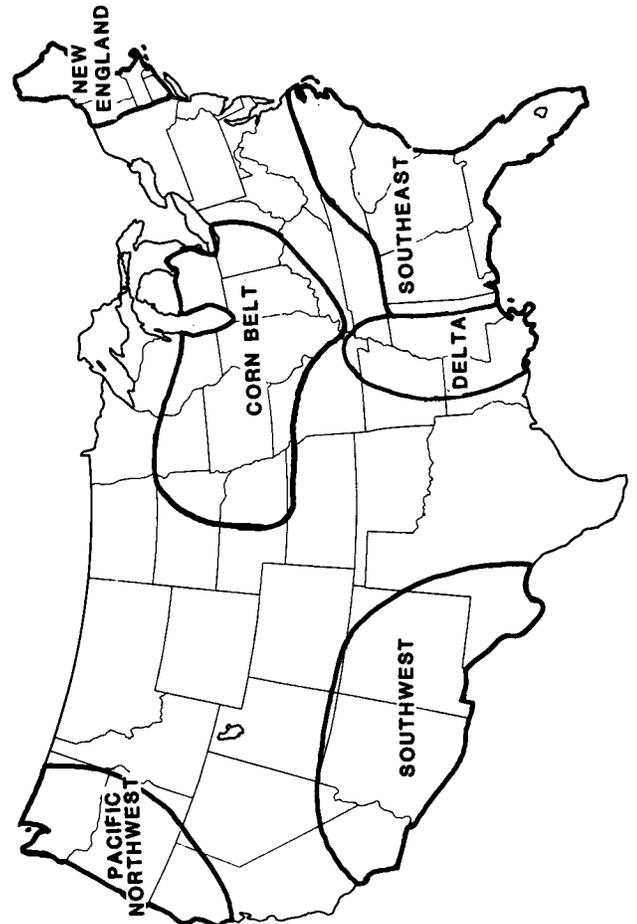
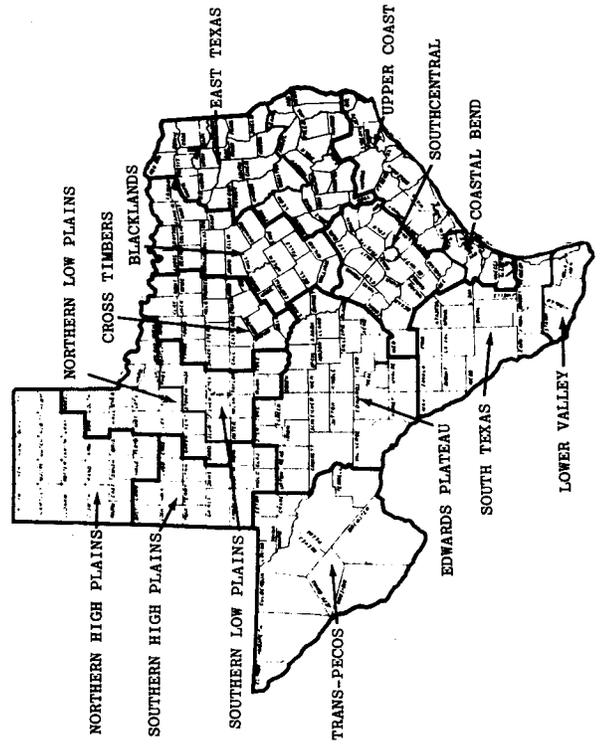
Topsoil moisture ratings: 6% short, 85% adequate, 9% surplus. Days suitable for fieldwork averaged 3.3. Mild weather kept spring fieldwork active and on schedule. Small

(continued on back page)

AREA NAMES COMMONLY USED IN WEEKLY WEATHER & CROP BULLETIN

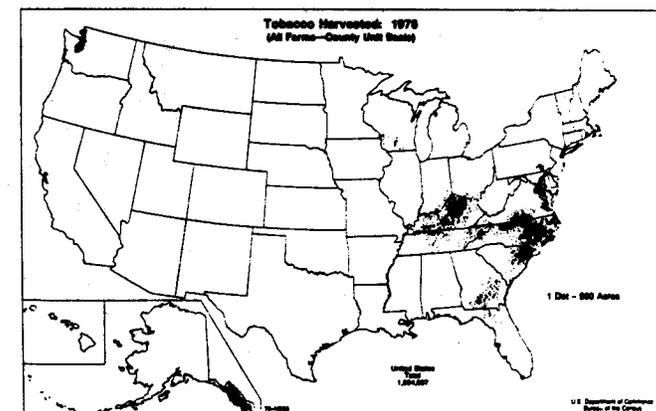
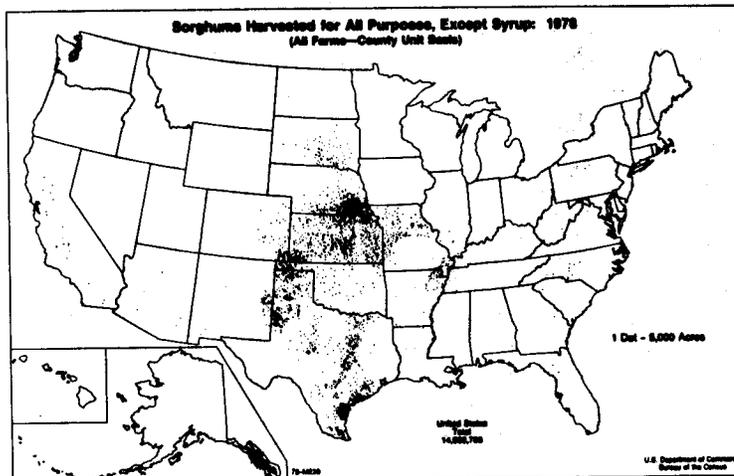
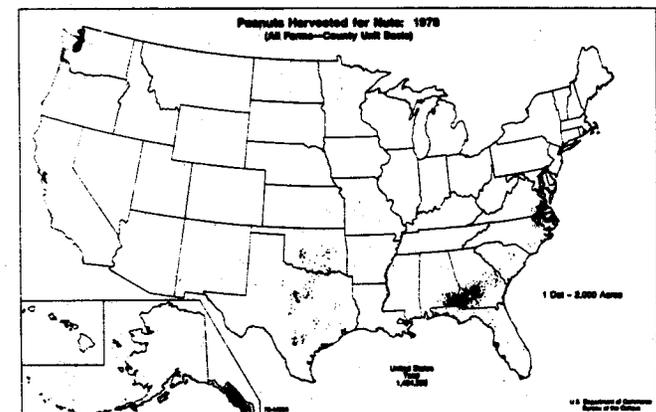
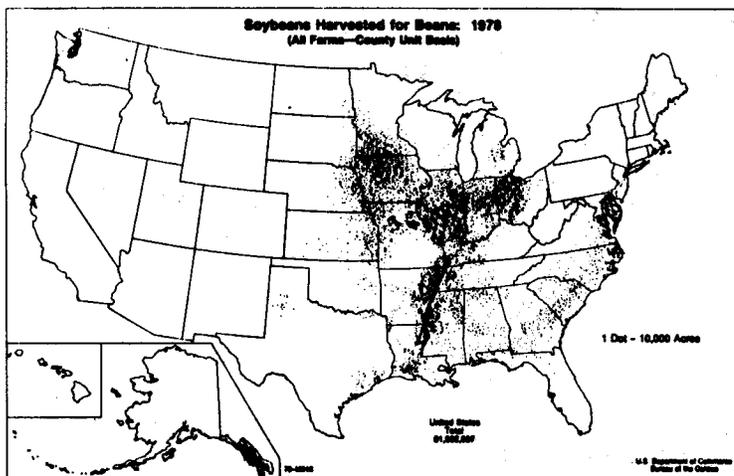
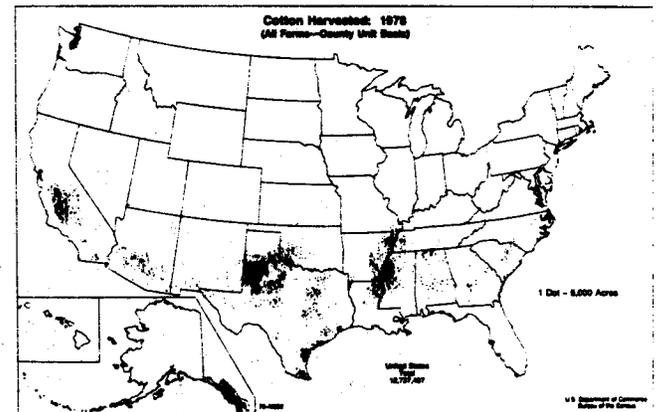
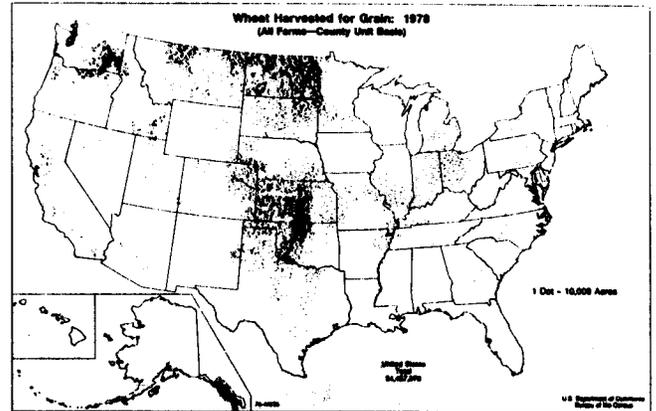
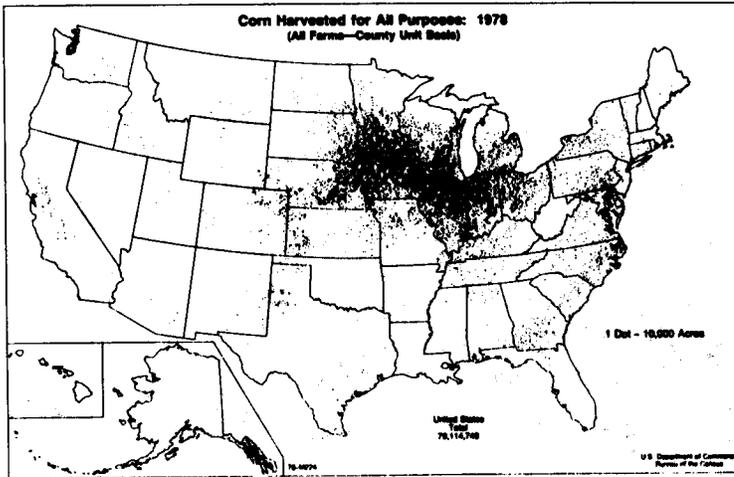


TEXAS



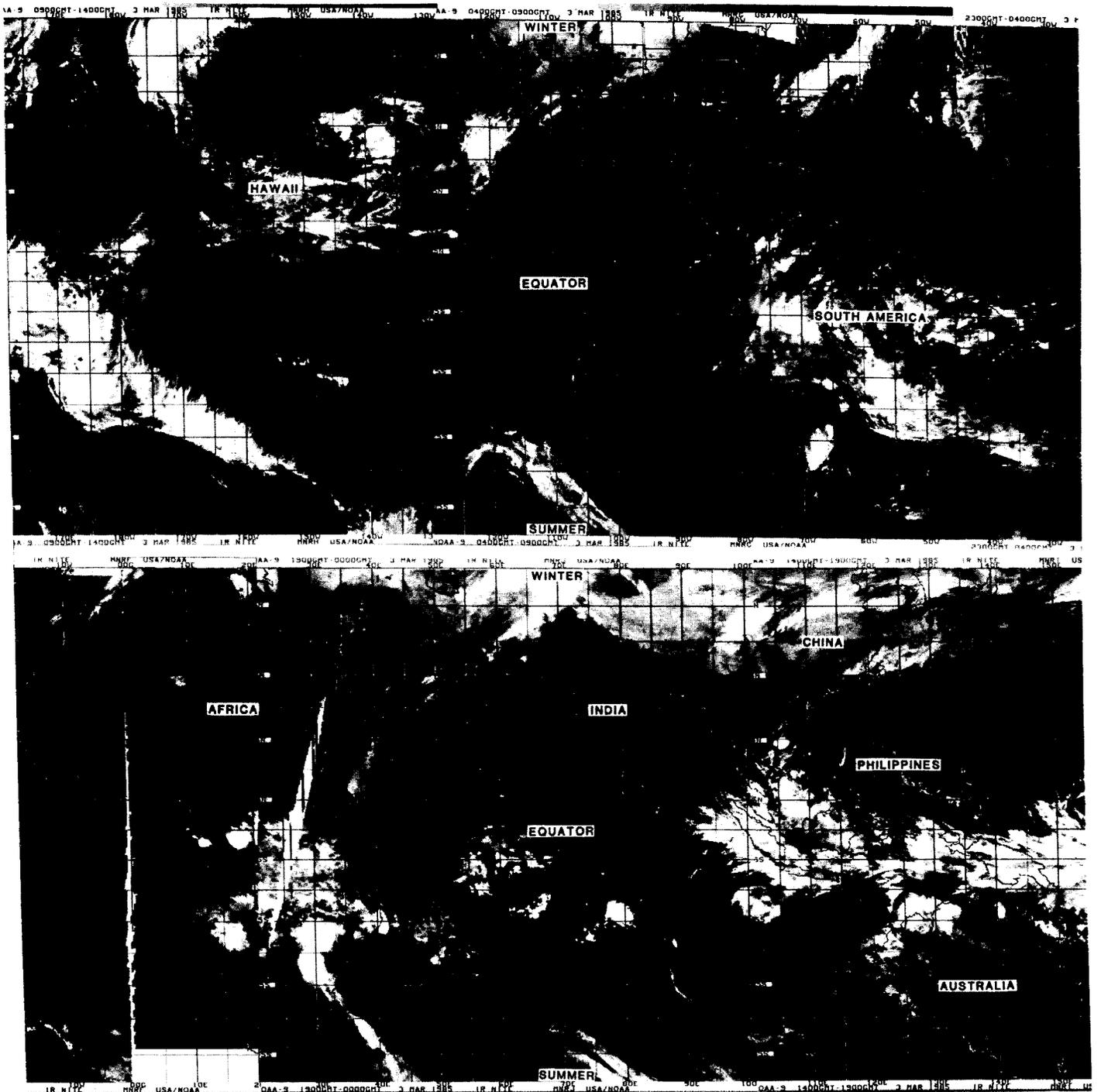
U.S. CROP AREA MAPS

Dot maps of general crop areas are presented to help readers identify areas of interest. (Maps extracted from "Graphic Summary, 1978 Census of Agriculture," Bureau of the Census, U.S. Department of Commerce.)



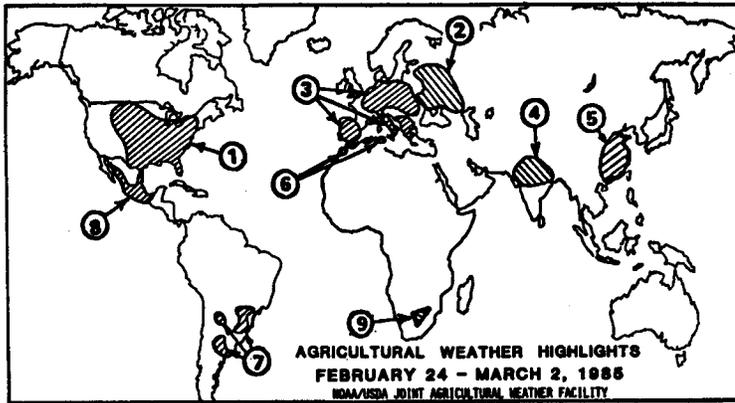
GLOBAL WEATHER SATELLITE PHOTO

March 3, 1985



International Weather and Crop Summary

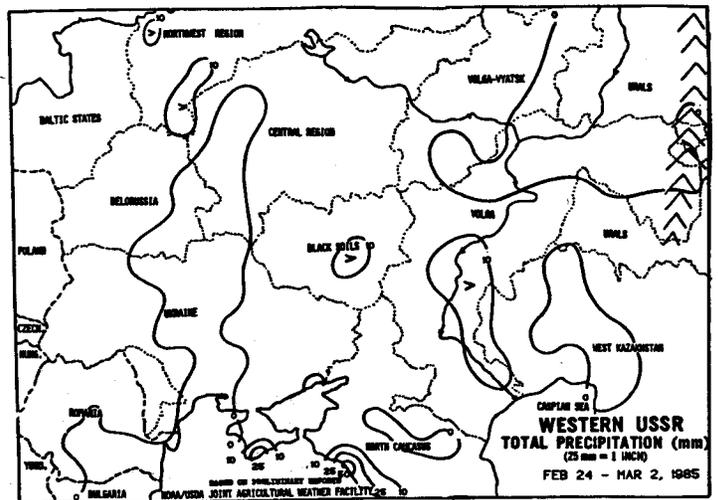
Feb. 24 - Mar: 2

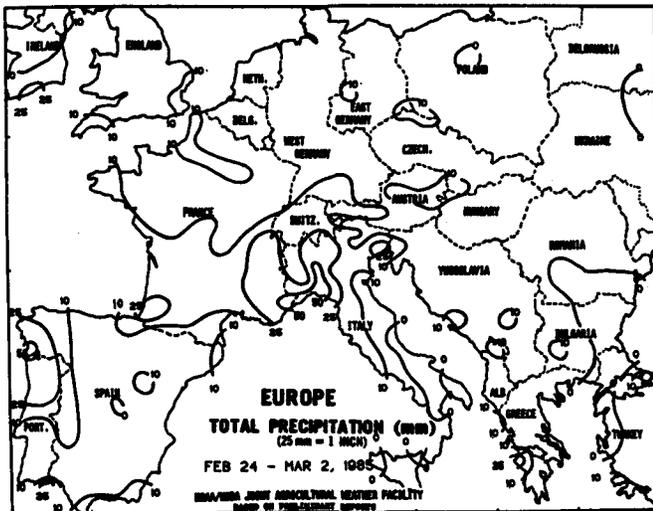


HIGHLIGHTS:

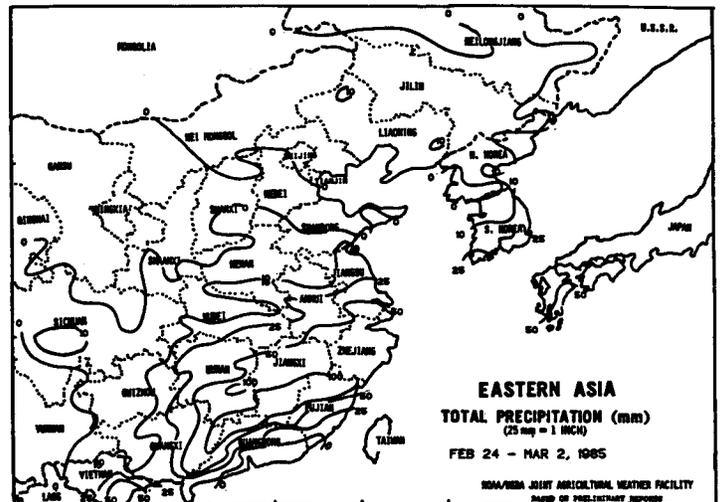
1. **UNITED STATES** ... Snowmelt flooding of streams and lowlands from New York to Missouri, inundates some dormant wheat. Spring-like warmth accelerates plant development over the Central and Southern States. Snow melts in the North but returns near the weekend.
2. **WESTERN USSR** ... Light, scattered snow and unseasonably cold weather continues over winter grains.
3. **EUROPE** ... Mild, maritime air surges eastward, favoring winter grains.
4. **SOUTH ASIA** ... Dry, warm weather continues to force wheat to rely on irrigation.
5. **EASTERN ASIA** ... Cool weather in the north keeps winter wheat dormant. Timely rain benefits rice planting.
6. **NORTHWESTERN AFRICA** ... Early-week light showers favor Moroccan winter grains. Elsewhere, dry weather lowers available crop moisture.
7. **SOUTH AMERICA** ... Showers, followed by cooler weather, aids peddling soybeans in Argentina. In Brazil, dry weather in the south promotes crop development following the previous week's rain. Heavy rain soaks maturing soybeans in northern crop areas.
8. **MEXICO** ... Mild and generally sunny weather over most areas favor crop planting and development.
9. **SOUTH AFRICA** ... Additional rain falls in the west, but much of the corn is maturing.

WESTERN USSR...Light, scattered snow and unseasonably cold weather continued over the region. Daytime temperatures were below freezing, maintaining snow cover as far south as the Black Sea and the southern North Caucasus. This snow cover protected winter grains from minimum temperatures which remained around -20C during the week. Normally, snow cover advances northward during March, and winter grains in the south begin to break dormancy by late month. A warming trend edged eastward into the Baltics and Belorussia on Saturday, signaling that an end to the persistent, unseasonable cold may be near.

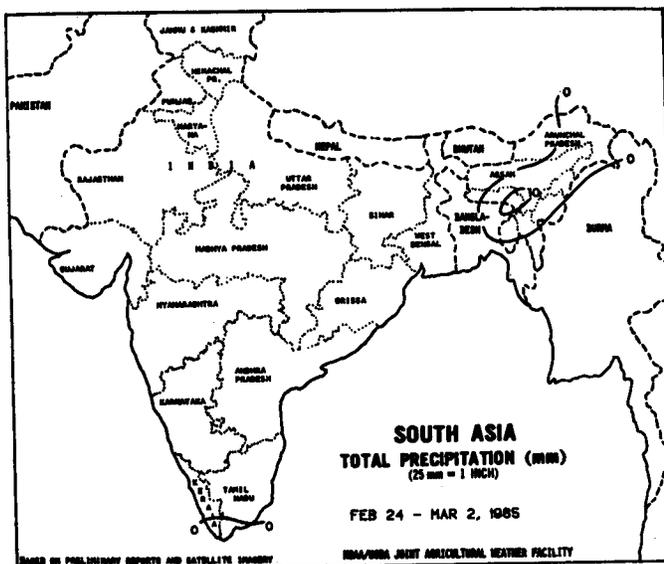




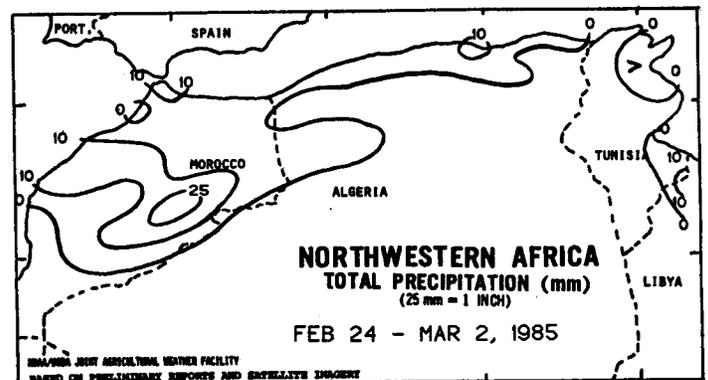
EUROPE...Mild, maritime air surged eastward, favoring winter grains. As a result, temperatures rose well above last week's unseasonably low levels. Winter grains in England and France may be breaking dormancy in some areas and are in the vegetative stage in Spain and in Mediterranean crop areas. Elsewhere, winter grains remained dormant. Early-week minimum temperatures (around -15C) covered winter grains in the Balkan peninsula, rising to around -5C by week's end. Light rain dotted western Europe later in the week.



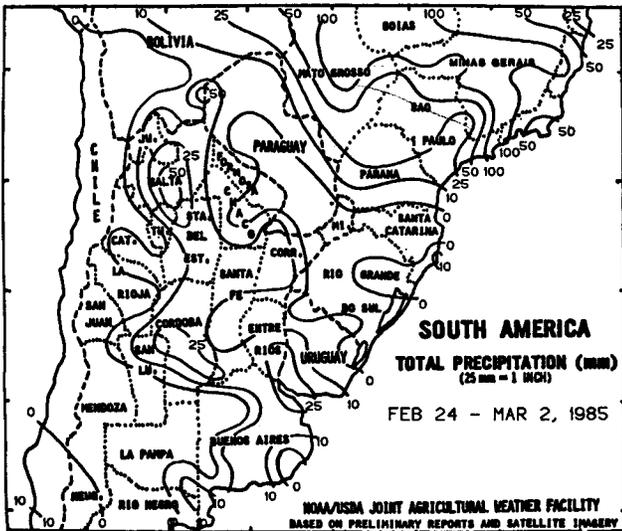
EASTERN ASIA...Light precipitation (1-15mm) covered the southern half of the North China Plain. Temperatures averaged below normal for the second consecutive week; however, warming occurred later this week. Winter wheat in Henan, Shandong, and Hebei, normally breaks dormancy in early to mid-March. Soil moisture is favorable for winter wheat except for nonirrigated areas in Hebei. Above-normal rain in southern China continues to improve soil moisture for early rice planting. A band of heavy rain (50-125mm) stretched from Guangxi through southern Hunan, Jiangxi, northern Fujian, and Zhejiang. Light rain (1-15mm) fell on coastal Guangdong and Fujian.



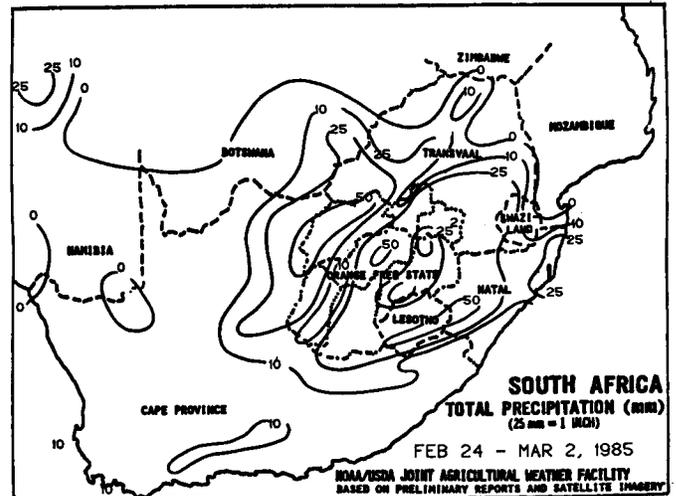
SOUTH ASIA...Dry weather covered nearly all wheat in Pakistan and India. Above-normal temperatures in the north were unfavorable for grain-filling wheat. High temperatures in Punjab reached 30C. Southern wheat is being harvested. Much of the summer rice enters the heading stage in March. Light rain (1-10mm) fell in eastern and extreme southern India.



NORTHWESTERN AFRICA...Early-week light showers favored Moroccan winter grains. Mostly dry weather returned to crops in northwestern Algeria. In northeastern Algeria and northern Tunisia, dry weather lowered available crop moisture. Winter grains over the region are in the vegetative stage and normally advance through reproduction in late March and April; timely rains will be needed to ensure favorable yields.



SOUTH AMERICA...Scattered showers and thunderstorms fell over most of Argentina's summer crop areas early in the week, followed by an influx of cool, dry weather until week's end. The rain helped moisture-limited crops in northern Buenos Aires and southern Santa Fe, and perhaps more importantly, the cooler weather lowered the evaporative demand and heat stress. While corn, sorghum, sunflowers, and first-crop soybeans are in filling to maturing stages (needing dry weather for quality), late-planted soybeans need additional moisture for setting and filling pods. In Brazil, dry weather in Rio Grande do Sul, following last week's substantial rain, promoted soybean development. Increasingly heavier showers fell further north with over 100mm of weekly rainfall soaking northernmost soybeans in southern Minas Gerais, southern Goias, and adjacent crop areas of Mato Grosso do Sul. Early planted soybeans and corn are maturing.



SOUTH AFRICA...Scattered rain fell in the Maize Triangle throughout the week. Precipitation totaled 50-75mm in the West Transvaal and Northwest Orange Free State. Western moisture has greatly increased during the last 2 weeks; however, much of the corn begins maturing in early March and will not significantly benefit from this week's rain. Only late planted corn in the grain-filling stage will be able to utilize the moisture. Moderate rain (25-45mm) fell in the east, but drier weather would be more favorable for maturing corn. Light rain (1-15mm) covered the rest of South Africa's corn. Temperatures averaged slightly above normal, but were not excessively hot.



MEXICO...Abundant sunshine along with mild temperatures over most areas benefited crop planting and development. Rain over parts of the east coast increased soil moisture and particularly benefited young corn and grain sorghum in Tamaulipas. Seasonal weather along the west coast should benefit tomato and other vegetable production.

The Weekly Weather and Crop Bulletin (ISSN 0043-1974) is published weekly and jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the Weekly Chronicle. It is issued under general authority of the Act of January 12, 1895, (44-USC 213), 53d Congress, 3d Session. NOAA is responsible for managing, printing, and distributing the bulletin. The contents may be reprinted freely, with proper credit.

Annual subscriptions: domestic \$25, foreign \$33 (in U.S. funds by international money order or check drawn on U.S. bank) payable to U.S. Department of Commerce, NOAA. POSIMASTER: Send address changes to NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 5844, Washington, D.C. 20250. Order subscriptions from the office and address listed above. Second class postage paid at Washington, D.C., and additional mailing offices.

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service/Climate Analysis Center
Managing Editor Don Haddock
Meteorologists Lyle Denny,
Ray McInturff, Jim Williams, Wes Byrd,
and Mark Brusberg

Subscriptions (202) 447-7917 . . Cheryl Caleco

U.S. DEPARTMENT OF AGRICULTURE
Economics Management Staff
Editor Mary Maher
Statistical Reporting Service
Agricultural Statistician Clif James
World Agricultural Outlook Board
Agricultural Weather Analysts. Ray Motha,
Tom Puterbaugh, and Ron Lundine

(continued from p. 21)

grains in good to excellent condition. Topdressing with nitrogen, some insect control reported. Overseeding pasture, hayland with clover. Liming, fertilizing cropland. Preparing land for spring planting. Tobacco plant bed seeding becoming active. Some fruit tree pruning. Livestock in good to excellent condition. Feed adequate. Good success calving, lambing so far.

WASHINGTON: High pressure dominated most of coast pushing almost all precipitation producing systems into southwest Canada. All areas of State well below seasonal normals for precipitation.

Warmer temperatures began melting snow cover in eastern areas. Very little winter kill of small grains noted. Hay feeding heavy, supplies depleting. Calving, lambing well underway.

WEST VIRGINIA: Temperatures averaged 6 to 9° above normal except in northeast, north central divisions where temperatures averaged 12 to 15° above normal. Precipitation averaged 0.30 to 0.60 in. below normal.

Soil moisture adequate to surplus. Feed supplies adequate.

WISCONSIN: Wide range of temperatures and several forms of precipitation characterized week. Temperatures stated near or below normal, rose to 50's and then ended week at wintery levels. During warm snap, virtually all remaining snow melted in wheat areas. Light snow and light rain fell on 25th and 26th. Major storm entered State on 3rd and dumped 3 to 12 in. by midnight. Snow turned into rain and sleet in some areas.

Preparations were underway for tapping of maple trees for syrup. Operations were laying pipe and engaging in other preparations before being interrupted by week ending storm.

WYOMING: Temperatures above normal except extreme northwest. Precipitation below normal. Winter wheat good condition most areas, wind damage light. Livestock mostly good condition. Early calving, lambing, shearing underway. Hay supplies adequate most areas.

NOAA/USDA Joint Agricultural
Weather Facility
Room 5844 USDA South Building
Washington, D.C. 20250

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

210



WEEKLY NEWS BULLETIN
SECOND CLASS

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300